

10/513699

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NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40  
minutes  
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source  
(CS) field  
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced  
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for  
U.S. patents  
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in  
CAS REGISTRY  
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM  
thesaurus  
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and  
Taiwanese Content Expanded  
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human  
translated claims for Chinese Applications and  
Utility Models  
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,  
USPATFULL, and USPAT2 in the month of November.  
NEWS 11 NOV 23 Addition of SCAN format to selected STN databases  
NEWS 12 NOV 23 Annual Reload of IFI Databases

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,  
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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Enter NEWS followed by the item number or name to see news on that  
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FILE 'HOME' ENTERED AT 12:55:17 ON 23 NOV 2009

<12/04/2007>

Erich Leese

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 12:55:45 ON 23 NOV 2009

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STRUCTURE FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

DICTIONARY FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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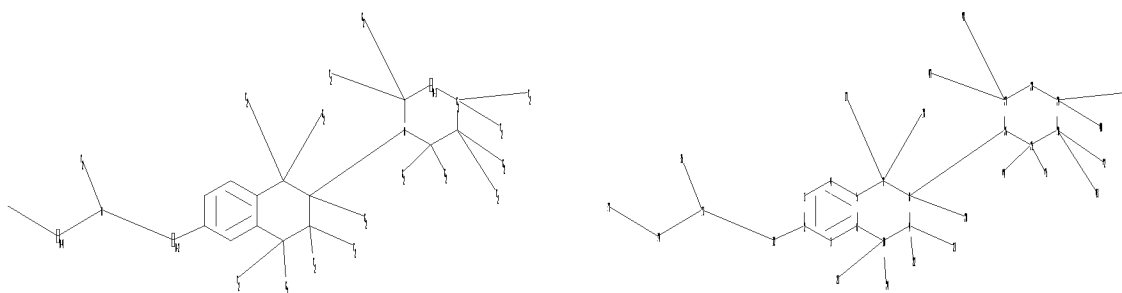
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10598262proviso.str

10/513699



chain nodes :  
12 17 18 20 21 22 23 24 34 35 37 40 41 42 43 44 45 47 48  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 25 26 27 28 29 30  
ring/chain nodes :  
13  
chain bonds :  
2-12 7-17 7-18 8-20 8-26 9-21 9-22 10-23 10-24 12-13 13-34 13-35 25-44  
25-45 27-47 27-48 29-40 29-41 30-42 30-43 34-37  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 25-26 25-30 26-27 27-28  
28-29 29-30  
exact/norm bonds :  
2-12 5-7 6-10 7-8 7-17 7-18 8-9 8-20 8-26 9-10 9-21 9-22 10-23 10-24  
12-13 13-34 13-35 25-26 25-30 25-44 25-45 26-27 27-28 27-47 27-48 28-29  
29-30 29-40 29-41 30-42 30-43 34-37  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 25 :

G1:H,N

G2:C,H

G3:C,N

<12/04/2007>

Erich Leese

10/513699

Match level :

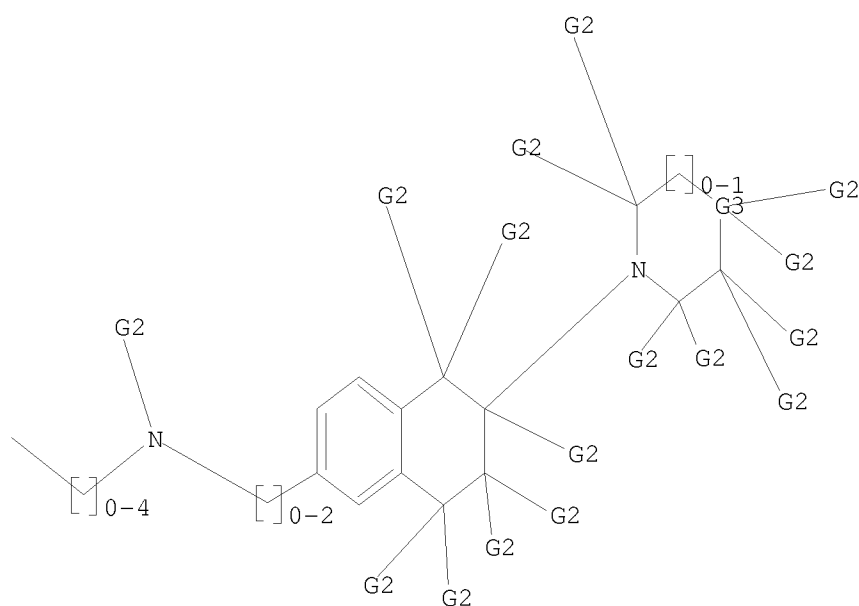
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:CLASS 13:CLASS 17:CLASS 18:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 34:CLASS 35:CLASS  
37:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS 45:CLASS 47:CLASS  
48:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H,N

G2 C,H

G3 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss

SAMPLE SEARCH INITIATED 13:01:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 39303 TO ITERATE

5.1% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

<12/04/2007>

Erich Leese

10/513699

PROJECTED ITERATIONS: 774207 TO 797913  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 13:01:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 789542 TO ITERATE

94.9% PROCESSED 749545 ITERATIONS 2 ANSWERS

100.0% PROCESSED 789542 ITERATIONS 2 ANSWERS

SEARCH TIME: 00.00.27

L3 2 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

190.68

190.90

FILE 'CAPLUS' ENTERED AT 13:02:25 ON 23 NOV 2009

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FILE COVERS 1907 - 23 Nov 2009 VOL 151 ISS 22

FILE LAST UPDATED: 22 Nov 2009 (20091122/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/Caplus family databases for free! Complete details on the number of free displays and other databases participating in this

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offer appear in NEWS 10.

=> s l3 full

L4            1 L3

=> d ibib abs hitstr

THE ESTIMATED COST FOR THIS REQUEST IS 5.64 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

10/513699

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:979643 CAPLUS

DOCUMENT NUMBER: 143:266686

TITLE: Preparation of tetralin derivatives as histamine H3 receptor antagonists

INVENTOR(S): Beavers, Lisa Selsam; Gadski, Robert Alan; Hipskind, Philip Arthur; Jesudason, Cynthia Darshini; Lindsley, Craig William; Lobb, Karen Lynn; Pickard, Richard Todd

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

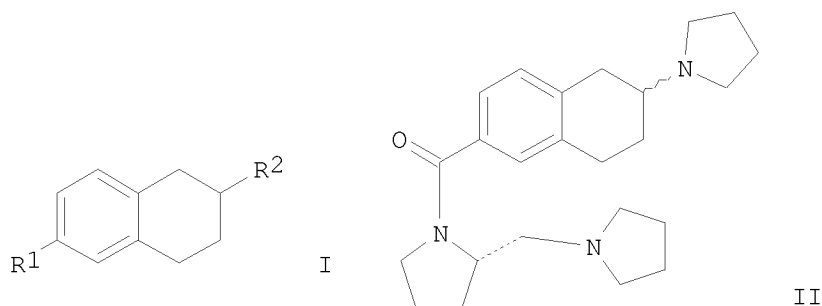
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005082893	A2	20050909	WO 2005-US5491	20050222
WO 2005082893	A3	20060420		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1720861	A2	20061115	EP 2005-723430	20050222
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU			
US 20070155754	A1	20070705	US 2006-598262	20060823
PRIORITY APPLN. INFO.:			US 2004-547758P	P 20040225
			WO 2005-US5491	W 20050222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 143:266686; MARPAT 143:266686

GI



AB Tetralins of formula I [R1 = CH2NR3R4, CONR3R4, N-methylpiperazinocarbonyl; R2 = H, NH-alkyl, NR3R4, NH-cycloalkyl, N-methylpiperazino, piperidino, pyrrolidino, etc.; R3 = H, alkyl; R4 = alkyl, phenylalkylene; R3R4 = alkylene, etc.] are prepared which have histamine-H3 receptor antagonist activity. The invention discloses pharmaceutical compns. comprising compds. of formula I as well as methods of using them to treat obesity and other histamine H3 receptor-related diseases. Thus, II was prepared and had Ki value of 1.5 nM against GTP  $\gamma$ [35S].

IT 863925-24-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetralin derivs. as histamine H3 receptor antagonists)

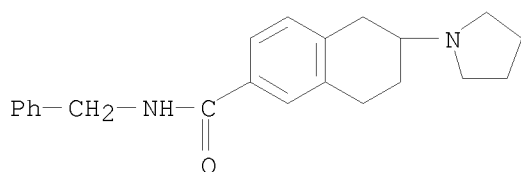
RN 863925-24-0 CAPLUS

CN 2-Naphthalenecarboxamide, 5,6,7,8-tetrahydro-N-(phenylmethyl)-6-(1-pyrrolidinyl)-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 863925-23-9

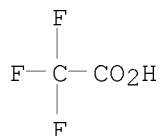
CMF C22 H26 N2 O



CM 2

CRN 76-05-1

CMF C2 H F3 O2



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.64

200.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-0.82

-0.82

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STRUCTURE FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

DICTIONARY FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

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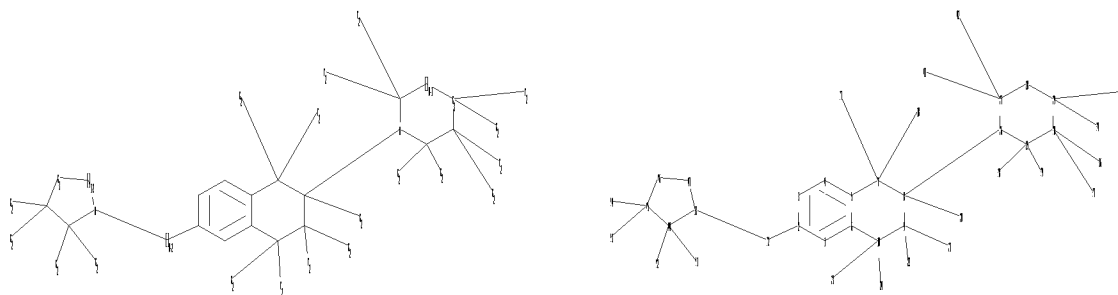
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experimental property data in the original document. For information  
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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10598262doublerings.str

10/513699



chain nodes :  
12 17 18 20 21 22 23 24 34 35 36 37 38 39 41 42 51 52 53 54  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 13 25 26 27 28 29 30 44 45 46 47  
chain bonds :  
2-12 7-17 7-18 8-20 8-26 9-21 9-22 10-23 10-24 12-13 25-38 25-39 27-41  
27-42 29-34 29-35 30-36 30-37 44-51 44-52 45-53 45-54  
ring bonds :  
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 13-44 13-47 25-26 25-30  
26-27 27-28 28-29 29-30 44-45 45-46 46-47  
exact/norm bonds :  
2-12 5-7 6-10 7-8 7-17 7-18 8-9 8-20 8-26 9-10 9-21 9-22 10-23 10-24  
12-13 13-44 13-47 25-26 25-30 25-38 25-39 26-27 27-28 27-41 27-42 28-29  
29-30 29-34 29-35 30-36 30-37 44-45 44-51 44-52 45-46 45-53 45-54 46-47  
normalized bonds :  
1-2 1-6 2-3 3-4 4-5 5-6  
isolated ring systems :  
containing 13 : 25 :

G1:H,N

G2:C,H

G3:C,N

<12/04/2007>

Erich Leese

10/513699

Match level :

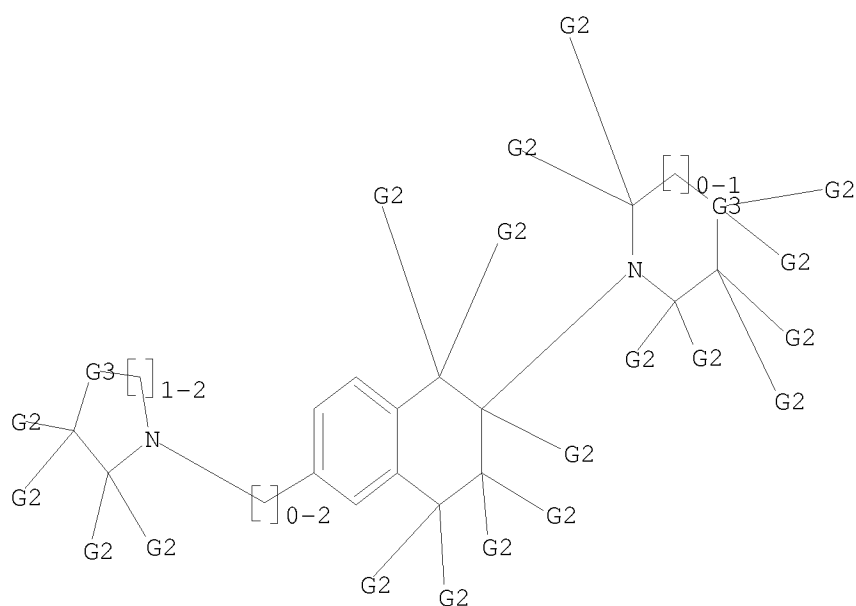
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
12:CLASS 13:Atom 17:CLASS 18:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 34:CLASS 35:CLASS  
36:CLASS 37:CLASS 38:CLASS 39:CLASS 41:CLASS 42:CLASS 44:CLASS 45:CLASS  
46:Atom 47:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



G1 H,N

G2 C,H

G3 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 15 sss

SAMPLE SEARCH INITIATED 13:09:46 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 39287 TO ITERATE

5.1% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

<12/04/2007>

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10/513699

PROJECTED ITERATIONS: 773889 TO 797591  
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 13:09:52 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 789251 TO ITERATE

94.9% PROCESSED 748945 ITERATIONS 2 ANSWERS

100.0% PROCESSED 789251 ITERATIONS 2 ANSWERS

SEARCH TIME: 00.00.30

L7 2 SEA SSS FUL L5

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

188.28	388.82
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00	-0.82
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FILE 'CAPLUS' ENTERED AT 13:11:07 ON 23 NOV 2009

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FILE COVERS 1907 - 23 Nov 2009 VOL 151 ISS 22

FILE LAST UPDATED: 22 Nov 2009 (20091122/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

<12/04/2007>

Erich Leese

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```
=> s l7 full
L8          1 L7
```

```
=> d ibib abs hitstr
THE ESTIMATED COST FOR THIS REQUEST IS 5.64 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y
```

10/513699

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:979643 CAPLUS

DOCUMENT NUMBER: 143:266686

TITLE: Preparation of tetralin derivatives as histamine H3 receptor antagonists

INVENTOR(S): Beavers, Lisa Selsam; Gadski, Robert Alan; Hipskind, Philip Arthur; Jesudason, Cynthia Darshini; Lindsley, Craig William; Lobb, Karen Lynn; Pickard, Richard Todd

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

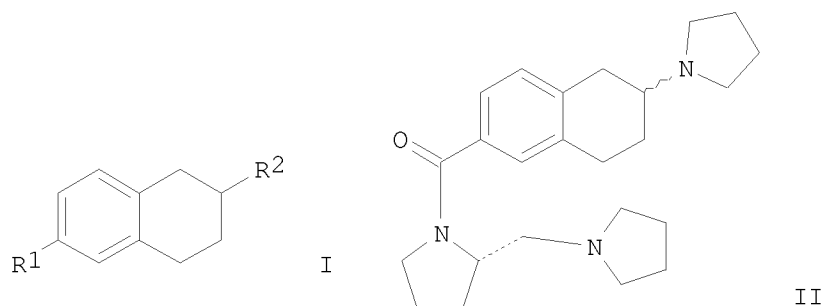
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005082893	A2	20050909	WO 2005-US5491	20050222
WO 2005082893	A3	20060420		
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1720861	A2	20061115	EP 2005-723430	20050222
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU			
US 20070155754	A1	20070705	US 2006-598262	20060823
PRIORITY APPLN. INFO.:			US 2004-547758P	P 20040225
			WO 2005-US5491	W 20050222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 143:266686; MARPAT 143:266686

GI



AB Tetralins of formula I [R1 = CH2NR3R4, CONR3R4, N-methylpiperazinocarbonyl; R2 = H, NH-alkyl, NR3R4, NH-cycloalkyl, N-methylpiperazino, piperidino, pyrrolidino, etc.; R3 = H, alkyl; R4 = alkyl, phenylalkylene; R3R4 = alkylene, etc.] are prepared which have histamine-H3 receptor antagonist activity. The invention discloses pharmaceutical compns. comprising compds. of formula I as well as methods of using them to treat obesity and other histamine H3 receptor-related diseases. Thus, II was prepared and had Ki value of 1.5 nM against GTP  $\gamma$ [35S].

IT 863925-18-2P 863925-19-3P

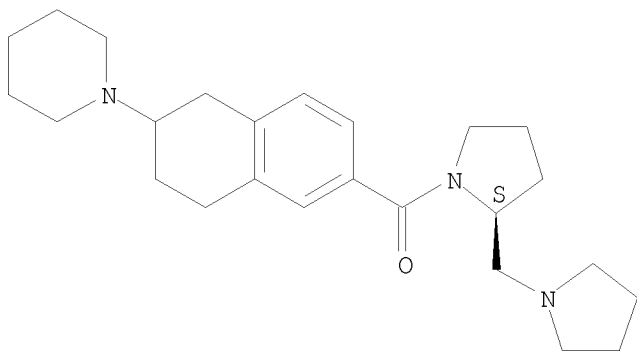
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetralin derivs. as histamine H3 receptor antagonists)

RN 863925-18-2 CAPLUS

CN Methanone, [(2S)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl][5,6,7,8-tetrahydro-6-(1-piperidinyl)-2-naphthalenyl]- (CA INDEX NAME)

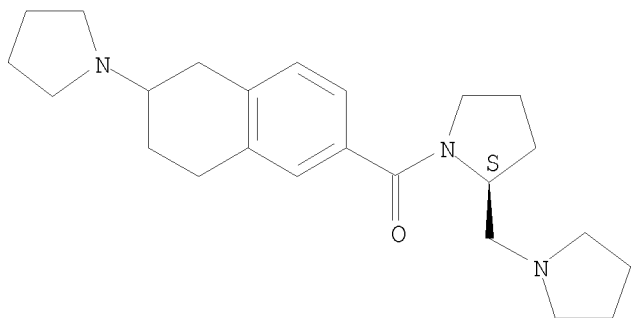
Absolute stereochemistry.



RN 863925-19-3 CAPLUS

CN Methanone, [(2S)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl][5,6,7,8-tetrahydro-6-(1-pyrrolidinyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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<12/04/2007>

Erich Leese



10/513699

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.14

395.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.82

-1.64

FILE 'REGISTRY' ENTERED AT 13:12:40 ON 23 NOV 2009

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provided by InfoChem.

STRUCTURE FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

DICTIONARY FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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conducting SmartSELECT searches.

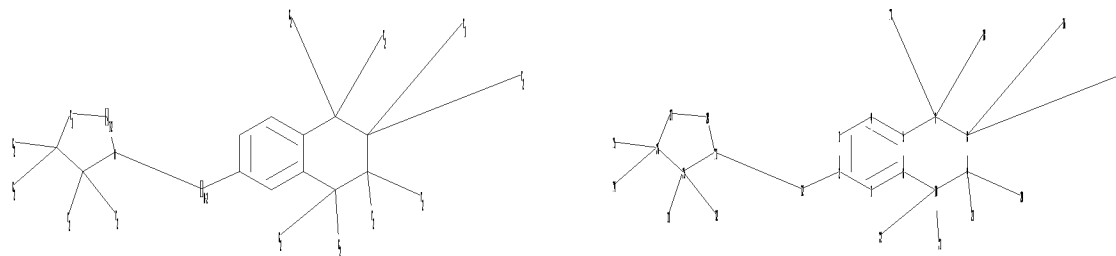
REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10598262R2.str

10/513699



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chain nodes :
12 17 18 20 21 22 23 32 33 34 35 36 37
ring nodes :
1 2 3 4 5 6 7 8 9 10 13 25 26 27 28
chain bonds :
2-12 7-17 7-18 8-37 8-36 9-20 9-21 10-22 10-23 12-13 25-32 25-33 26-34
26-35
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 13-25 13-28 25-26 26-27
27-28
exact/norm bonds :
2-12 5-7 6-10 7-8 7-17 7-18 8-9 8-37 8-36 9-10 9-20 9-21 10-22 10-23
12-13 13-25 13-28 25-26 25-32 25-33 26-27 26-34 26-35 27-28
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
```

G1:H,N

G2:C,H

G3:C,N

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
12:CLASS 13:Atom 17:CLASS 18:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:Atom 26:Atom 27:Atom 28:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS 37:CLASS
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<12/04/2007>

Erich Leese

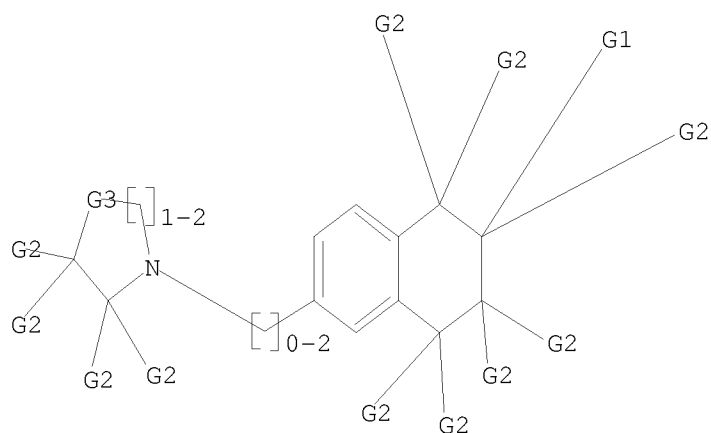
10/513699

L9 STRUCTURE UPLOADED

=> d 19

L9 HAS NO ANSWERS

L9 STR



G1 H,N

G2 C,H

G3 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 19 ss

COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID

The query entered contains both search terms created by structure-building or screen commands and text search terms. L#s created via the STRUCTURE or SCREEN commands must be searched in the structures files separately from text terms or profiles. The L# answer sets from structure searches can be used in crossover searches and can be combined with text terms.

=> s 19 sss

SAMPLE SEARCH INITIATED 13:13:21 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 77787 TO ITERATE

2.6% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

14 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1539122 TO 1572358  
PROJECTED ANSWERS: 9490 TO 12290

<12/04/2007>

Erich Leese

10/513699

L10 14 SEA SSS SAM L9

=> s 19 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 13:13:28 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1558256 TO ITERATE

95.0% PROCESSED	1480678 ITERATIONS	9550 ANSWERS
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97.2% PROCESSED	1514971 ITERATIONS	9552 ANSWERS
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100.0% PROCESSED	1558256 ITERATIONS	9552 ANSWERS
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SEARCH TIME: 00.00.41

L11 9552 SEA SSS FUL L9

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

186.84

582.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-1.64

FILE 'CAPLUS' ENTERED AT 13:14:16 ON 23 NOV 2009

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FILE COVERS 1907 - 23 Nov 2009 VOL 151 ISS 22

FILE LAST UPDATED: 22 Nov 2009 (20091122/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

10/513699

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=> s l11 full  
L12 1809 L11

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.00	584.80
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.64

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STRUCTURE FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9  
DICTIONARY FILE UPDATES: 22 NOV 2009 HIGHEST RN 1193309-59-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

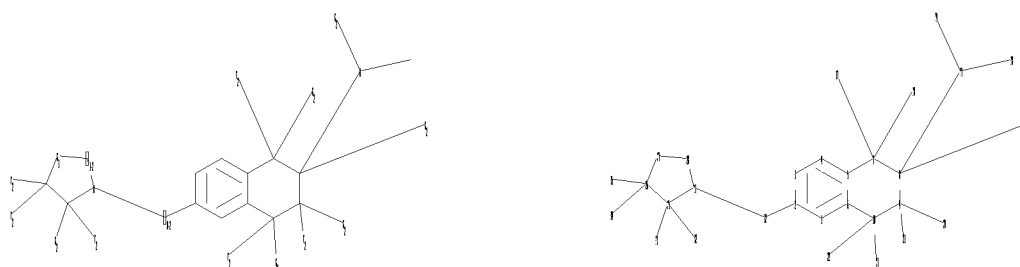
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10598262nitrogenR2.str

10/513699



```
chain nodes :
12 17 18 20 21 22 23 32 33 34 35 36 37 38 39
ring nodes :
1 2 3 4 5 6 7 8 9 10 13 25 26 27 28
chain bonds :
2-12 7-17 7-18 8-36 8-37 9-20 9-21 10-22 10-23 12-13 25-32 25-33 26-34
26-35 37-38 37-39
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 13-25 13-28 25-26 26-27
27-28
exact/norm bonds :
2-12 5-7 6-10 7-8 7-17 7-18 8-9 8-36 8-37 9-10 9-20 9-21 10-22 10-23
12-13 13-25 13-28 25-26 25-32 25-33 26-27 26-34 26-35 27-28 37-38 37-39
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
```

G1:H,N

G2:C,H

G3:C,N

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
12:CLASS 13:Atom 17:CLASS 18:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
25:Atom 26:Atom 27:Atom 28:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS 37:CLASS 38:CLASS 39:CLASS
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<12/04/2007>

Erich Leese

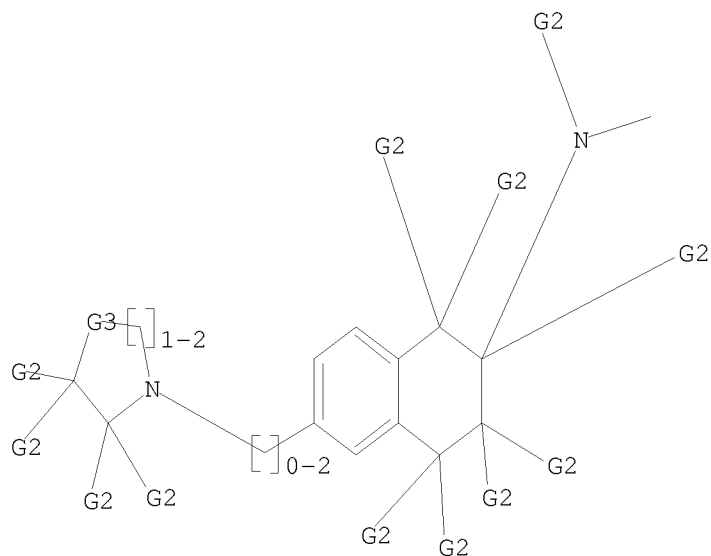
10/513699

L13        STRUCTURE UPLOADED

=> d 113

L13 HAS NO ANSWERS

L13                STR



G1 H,N

G2 C,H

G3 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 13 sss

SAMPLE SEARCH INITIATED 13:17:11 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 39303 TO ITERATE

5.1% PROCESSED        2000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*

BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        774207 TO    797913

PROJECTED ANSWERS:            0 TO            0

L14                0 SEA SSS SAM L1

=> s 113 sss

SAMPLE SEARCH INITIATED 13:17:21 FILE 'REGISTRY'

<12/04/2007>

Erich Leese

10/513699

SAMPLE SCREEN SEARCH COMPLETED - 25958 TO ITERATE

7.7% PROCESSED 2000 ITERATIONS 2 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 509516 TO 528804  
PROJECTED ANSWERS: 214 TO 824

L15 2 SEA SSS SAM L13

=> s l13 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
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FULL SCREEN SEARCH COMPLETED - 517957 TO ITERATE

100.0% PROCESSED 517957 ITERATIONS 291 ANSWERS  
SEARCH TIME: 00.00.16

L16 291 SEA SSS FUL L13

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.84	771.64
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.64

FILE 'CAPLUS' ENTERED AT 13:18:36 ON 23 NOV 2009  
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FILE COVERS 1907 - 23 Nov 2009 VOL 151 ISS 22  
FILE LAST UPDATED: 22 Nov 2009 (20091122/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.



10/513699

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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```
=> s l16 full
L17          14 L16
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=> d ibib abs hitstr tot
THE ESTIMATED COST FOR THIS REQUEST IS 78.96 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y
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L17 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:198266 CAPLUS

DOCUMENT NUMBER: 150:259925

TITLE: Preparation of tetrahydronaphthalenes and chromans as melanin concentrating hormone (MCH) antagonists.

INVENTOR(S): Schwink, Lothar; Stengelin, Siegfried; Gossel, Matthias; Haack, Torsten; Lennig, Petra

PATENT ASSIGNEE(S): Sanofis-Aventis, Fr.

SOURCE: PCT Int. Appl., 162pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2009021740	A2	20090219	WO 2008-EP6700	20080814
WO 2009021740	A3	20090514		
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
EP 2025674	A1	20090218	EP 2007-291010	20070815
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			

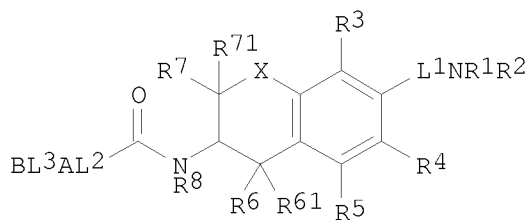
PRIORITY APPLN. INFO.:

EP 2007-291010

A 20070815

OTHER SOURCE(S): MARPAT 150:259925

GI



AB Title compds. [I; R1, R2 = H, alkyl, alkoxyalkyl, alkenyl, alkynyl, acyl; NR1R2 = (substituted) 4-10 membered mono-, bi-, or spirocyclyl; R3, R4, R5 = H, F, Cl, Br, iodo, OH, CF3, NO2, cyano, OCF3, alkoxy, alkylthio, etc.; R6, R61, R7, R71 = H, F, alkyl, OH, alkoxy; R8 = H, alkyl; L1 = cycloalkylene, (alkyl-substituted) CH2, CH2CH2; L2 = bond, (alkyl-substituted) CH2; L3 = bond, linker with 1-4 members selected from

O, S, SO<sub>2</sub>, C.tplbond.C, CO, imino, (alkyl-substituted) CH<sub>2</sub>, etc.; A = 5-6 membered (substituted) (hetero)arylene; B = alkyl, alkoxyalkyl, hydroxyalkyl, 3-10 membered mono-, bi-, or spirocyclic nonarom. (heterocyclic) (substituted) ring; X = O, (substituted) CH<sub>2</sub>], were prepared Thus, 4-[(S)-1-(tetrahydrofuran-2-yl)methoxy]benzoic acid (preparation given) in N-methylpyrrolidone was treated with HATU, Et<sub>3</sub>N, and (S)-6-pyrrolidin-1-ylmethyl-1,2,3,4-tetrahydronaphthalen-2-ylamine (preparation given) in N-methylpyrrolidone followed by stirring for 12 h to give N-[(S)-6-pyrrolidin-1-ylmethyl-1,2,3,4-tetrahydronaphthalen-2-yl]-4-[(S)-1-(tetrahydrofuran-2-yl)methoxy]benzamide. The latter showed an IC<sub>50</sub> of 0.09 µM in a calcium mobilization assay.

IT	1119016-66-8P	1119016-68-0P	1119018-13-1P
	1119018-20-0P	1119018-22-2P	1119018-24-4P
	1119018-28-8P	1119018-30-2P	1119018-34-6P
	1119018-43-7P	1119018-49-3P	1119018-53-9P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

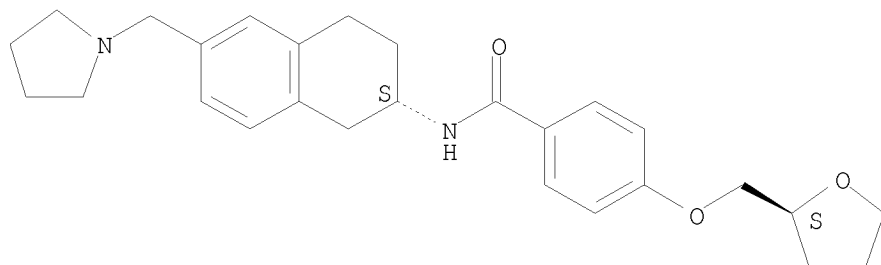
(preparation of tetrahydronaphthalenes and chromans as MCH antagonists)

RN 1119016-66-8 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

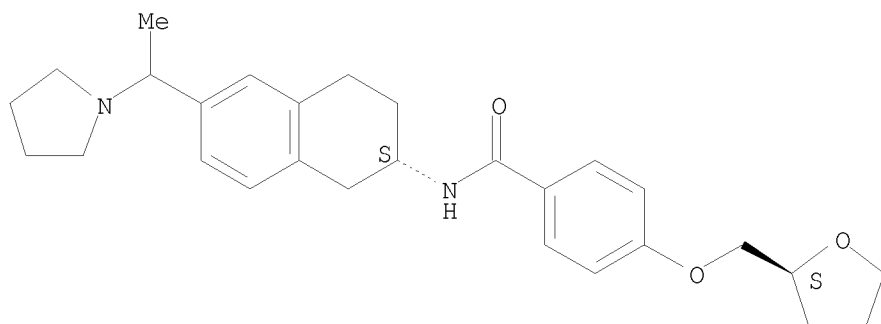
Absolute stereochemistry.

10/513699



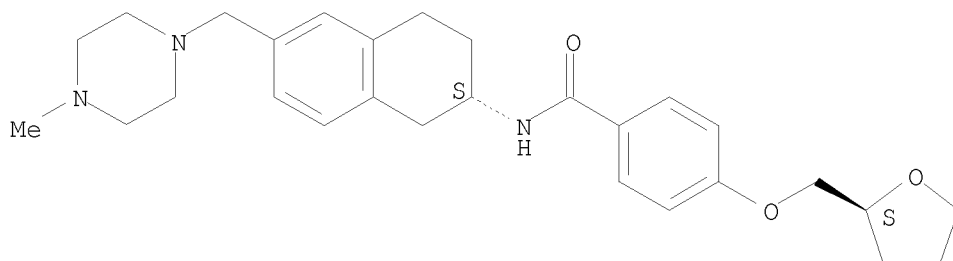
RN 1119016-68-0 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[1-(1-pyrrolidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119018-13-1 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

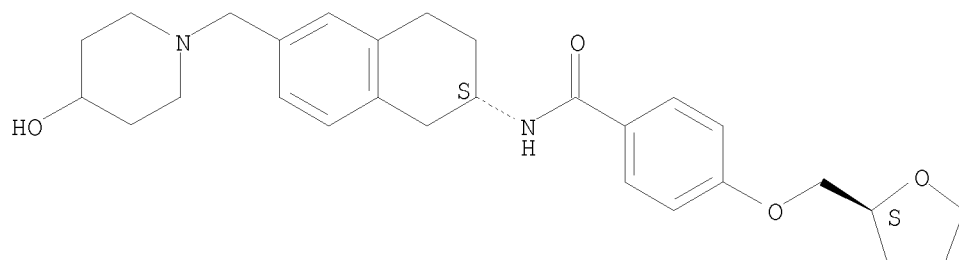
Absolute stereochemistry.



RN 1119018-20-0 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

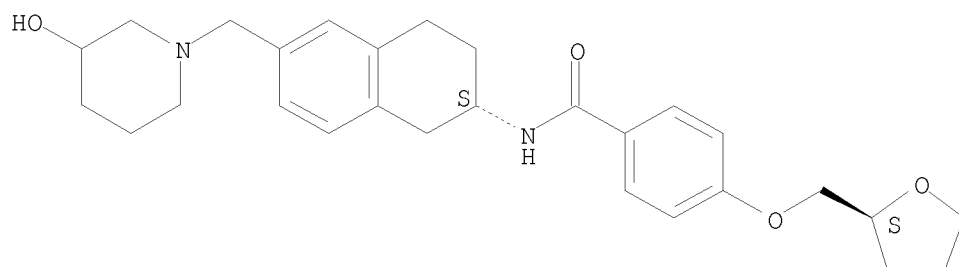
Absolute stereochemistry.

10/513699



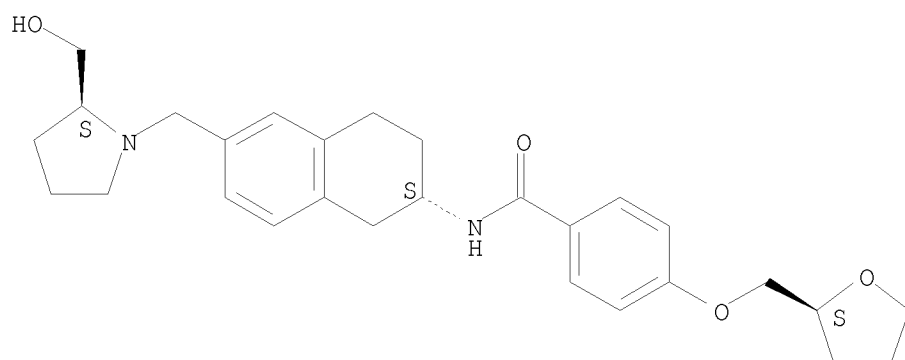
RN 1119018-22-2 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119018-24-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (2S)-2-(hydroxymethyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

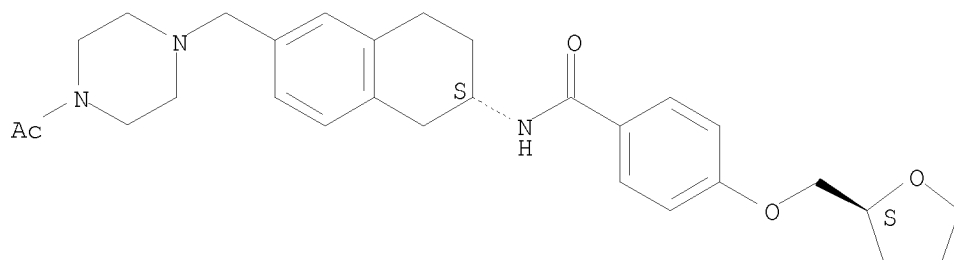
Absolute stereochemistry.



RN 1119018-28-8 CAPLUS  
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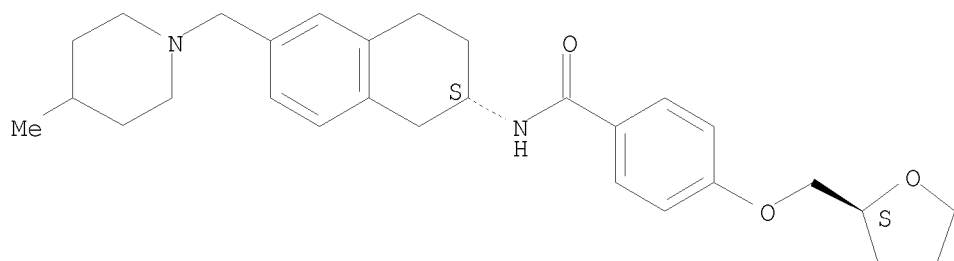
Absolute stereochemistry.

10/513699



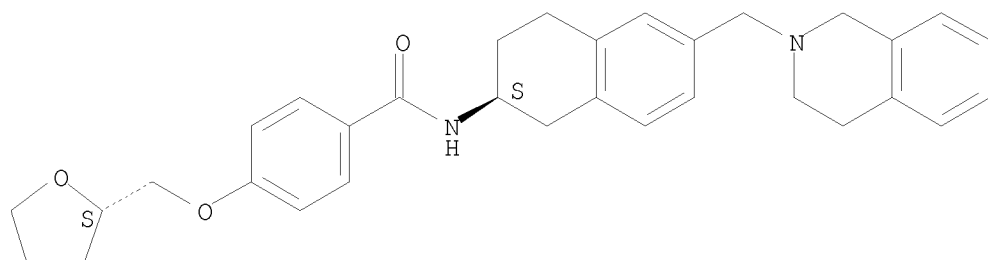
RN 1119018-30-2 CAPLUS  
CN Benzamide, 4-[[2S]-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119018-34-6 CAPLUS  
CN Benzamide, N-[(2S)-6-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[2S]-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

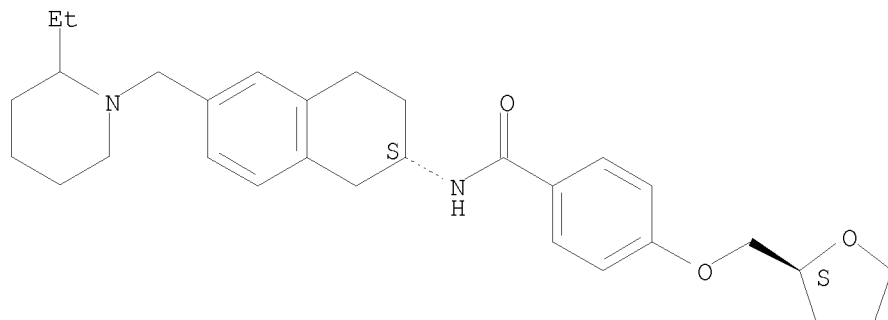
Absolute stereochemistry.



RN 1119018-43-7 CAPLUS  
CN Benzamide, N-[(2S)-6-[(2-ethyl-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[2S]-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

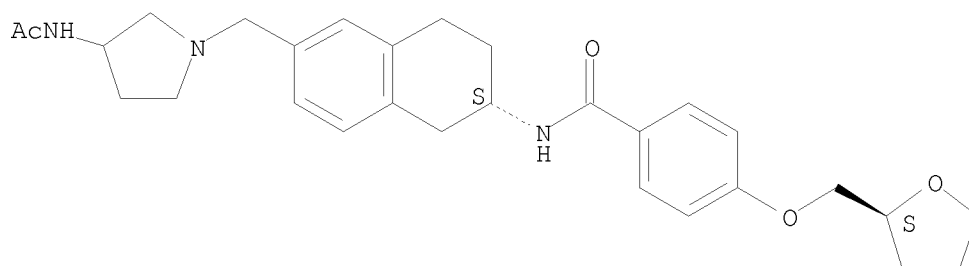
Absolute stereochemistry.

10/513699



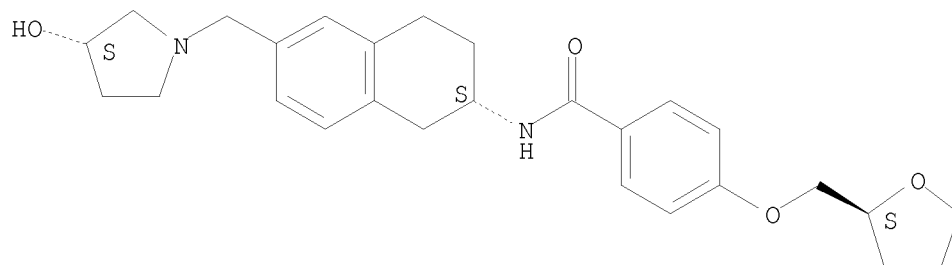
RN	1119018-49-3	CAPLUS
CN	Benzamide, N-[[ (2S)-6-[[3-(acetylamino)-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)	

Absolute stereochemistry.



RN	1119018-53-9	CAPLUS
CN	Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3S)-3-hydroxy-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)	

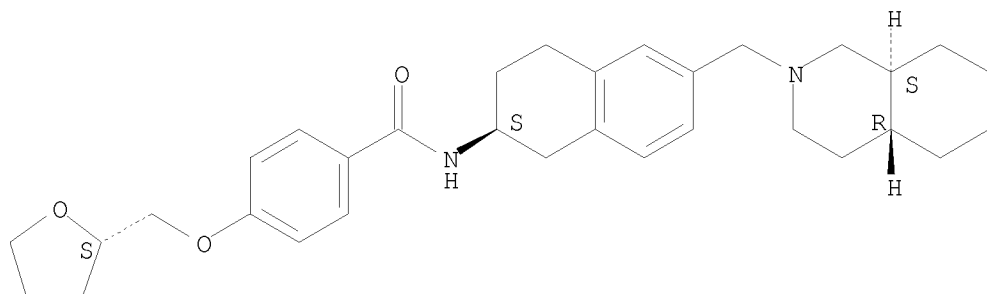
Absolute stereochemistry.



RN	1119018-59-5	CAPLUS
CN	Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (4aR,8aS)-octahydro-2(1H)-isoquinolinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)	

Absolute stereochemistry.

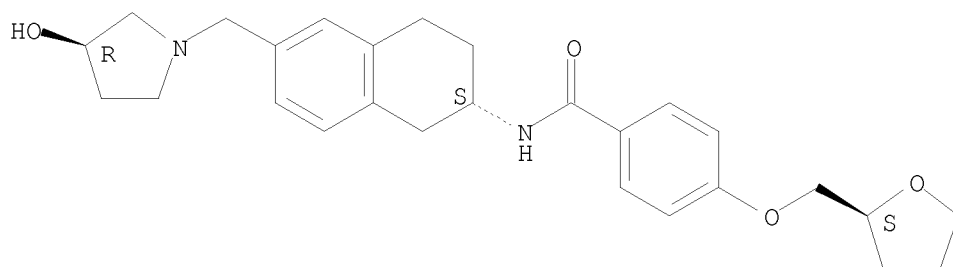
10/513699



RN 1119018-71-1 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3R)-3-hydroxy-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

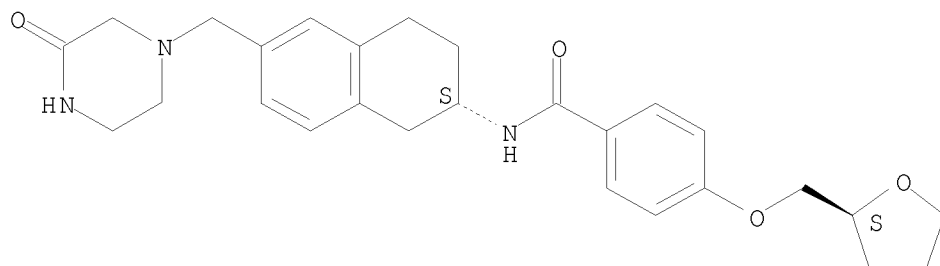
Absolute stereochemistry.



RN 1119018-90-4 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-oxo-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



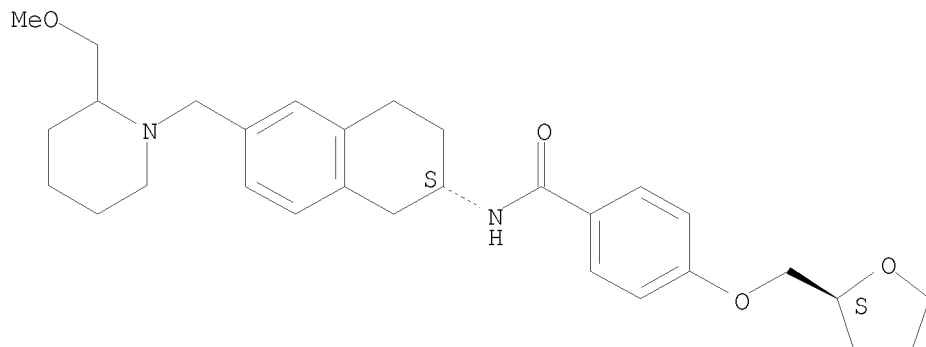
RN 1119019-05-4 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[2-(methoxymethyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

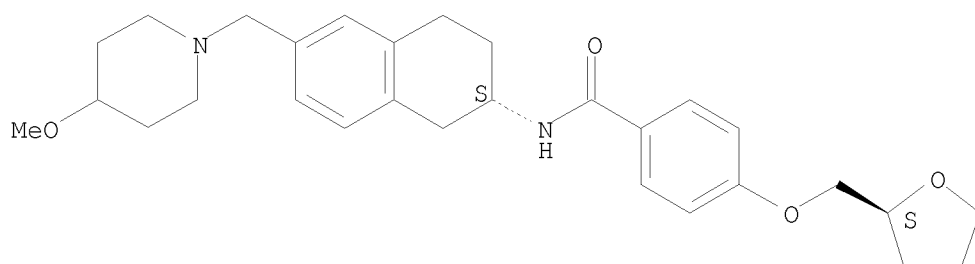


10/513699



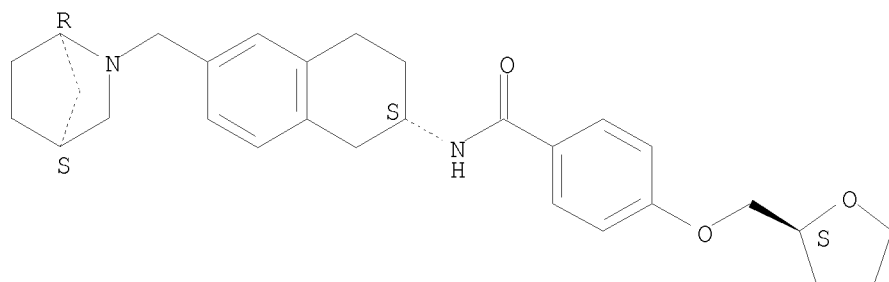
RN 1119019-07-6 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methoxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119019-13-4 CAPLUS  
CN Benzamide, N-[(2S)-6-[(1R,4S)-2-azabicyclo[2.2.1]hept-2-ylmethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

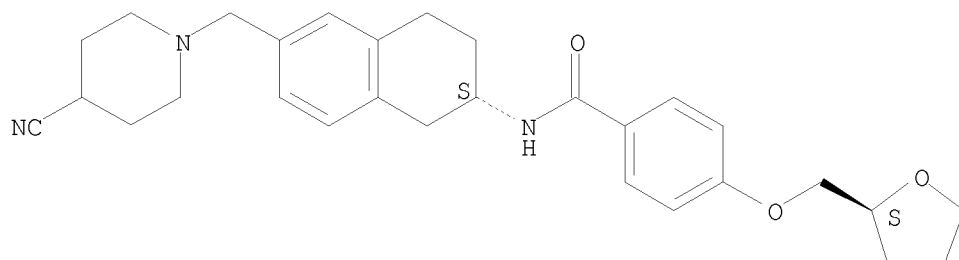
Absolute stereochemistry.



RN 1119019-15-6 CAPLUS  
CN Benzamide, N-[(2S)-6-[(4-cyano-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

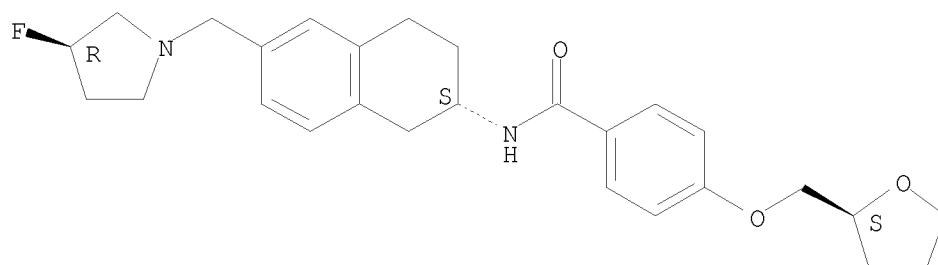
Absolute stereochemistry.

10/513699



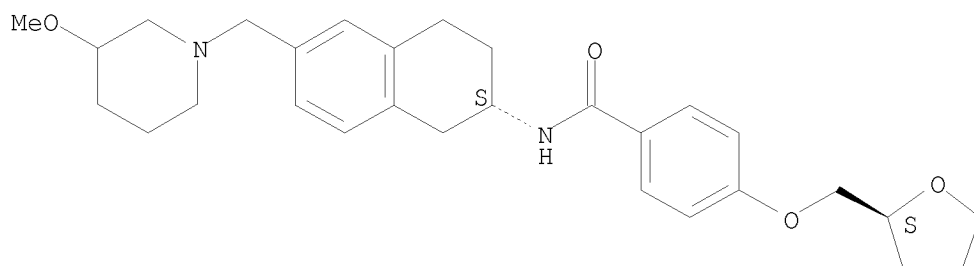
RN 1119019-19-0 CAPLUS  
CN Benzamide, N-[(2S)-6-[[ (3R)-3-fluoro-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119019-21-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3-methoxy-1-piperidiny]methyl]-2-naphthalenyl]- (CA INDEX NAME)

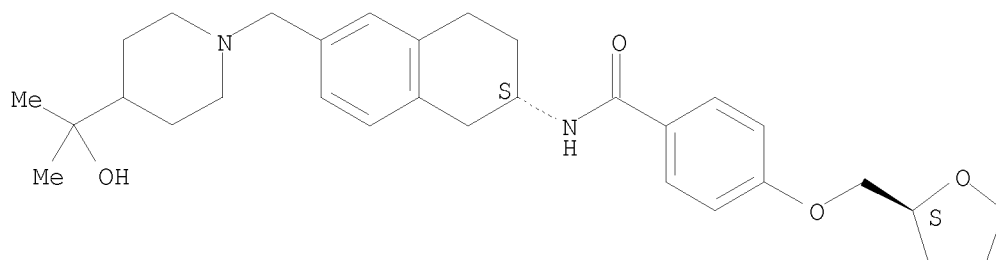
Absolute stereochemistry.



RN 1119019-23-6 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ 4-(1-hydroxy-1-methylethyl)-1-piperidiny]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

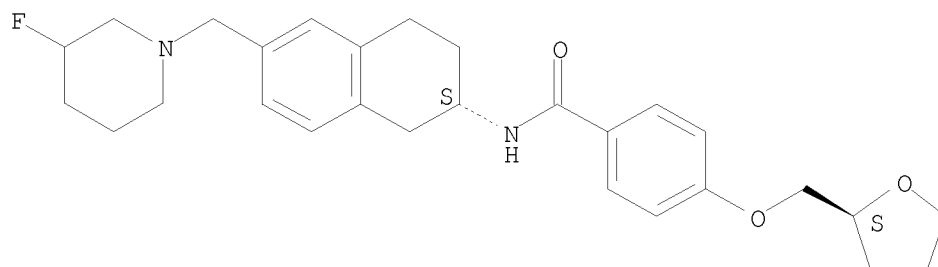
10/513699



RN 1119019-25-8 CAPLUS

CN Benzamide, N-[(2S)-6-[(3-fluoro-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

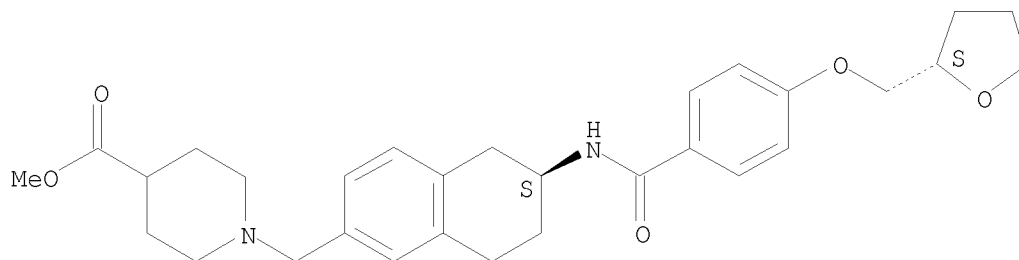
Absolute stereochemistry.



RN 1119019-41-8 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[ (6S)-5,6,7,8-tetrahydro-6-[[4-[[ (2S)-tetrahydro-2-furanyl]methoxy]benzoyl]amino]-2-naphthalenyl]methyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

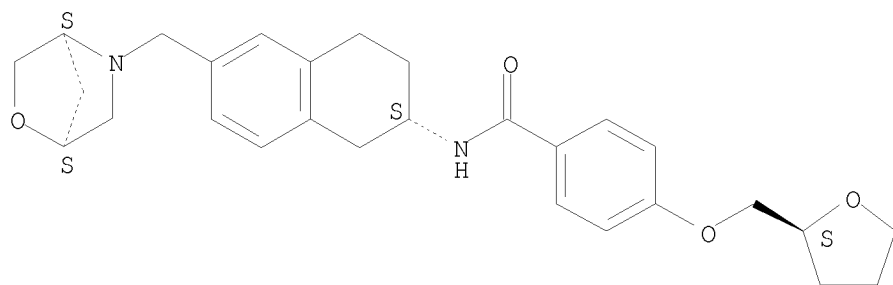


RN 1119019-45-2 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-ylmethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

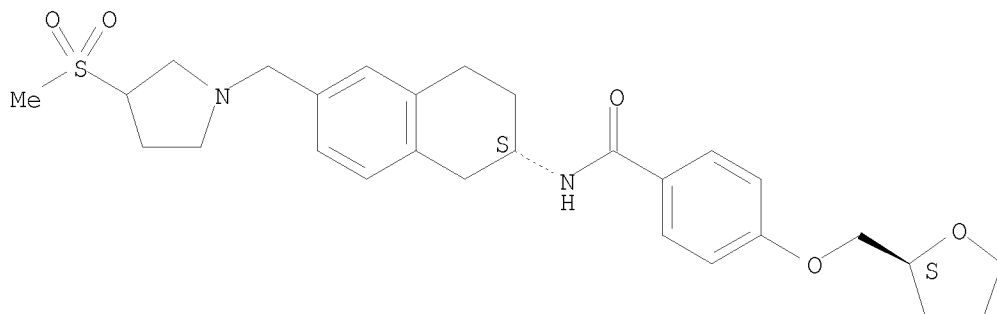
10/513699



RN 1119019-47-4 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[3-(methylsulfonyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

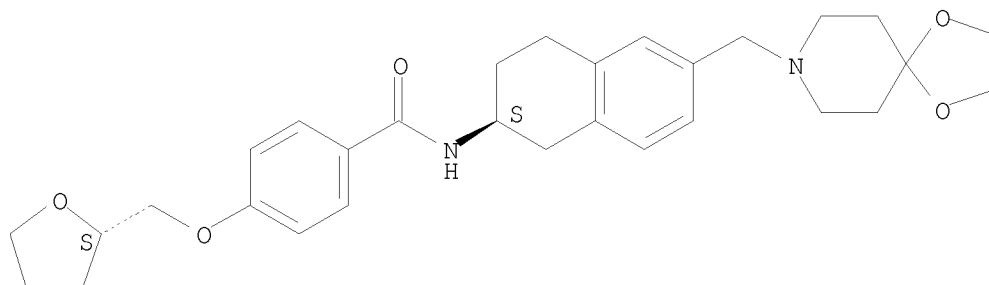
Absolute stereochemistry.



RN 1119019-67-8 CAPLUS

CN Benzamide, N-[(2S)-6-(1,4-dioxo-8-azaspiro[4.5]dec-8-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

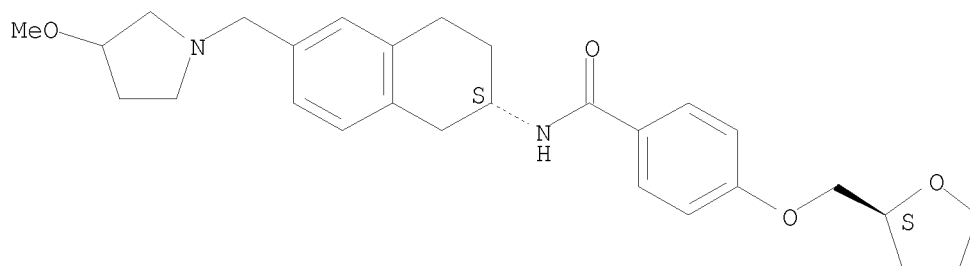


RN 1119019-83-8 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[3-methoxy-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

10/513699

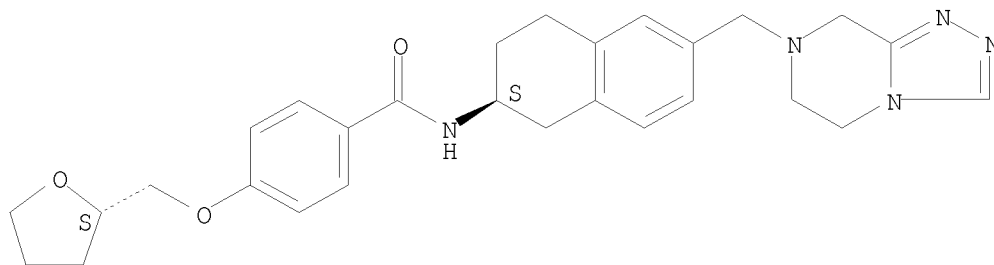
Absolute stereochemistry.



RN 1119019-89-4 CAPLUS

CN Benzamide, N-[(2S)-6-[(5,6-dihydro-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

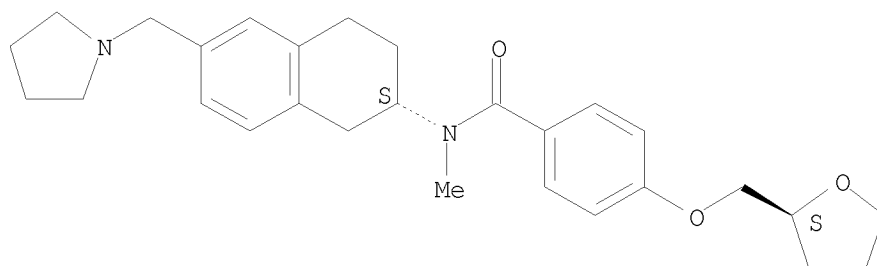
Absolute stereochemistry.



RN 1119256-53-9 CAPLUS

CN Benzamide, N-methyl-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

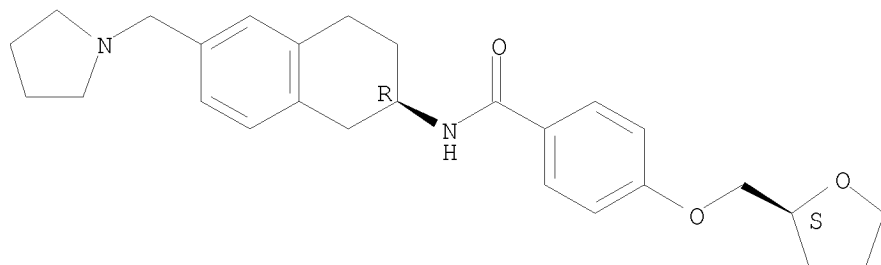


RN 1119256-54-0 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2R)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

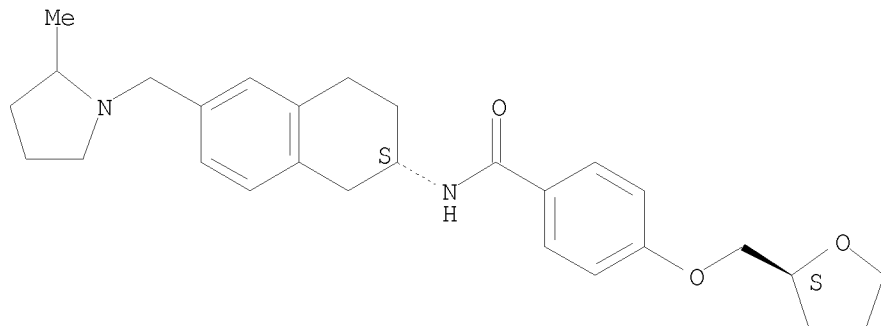
Absolute stereochemistry.

10/513699



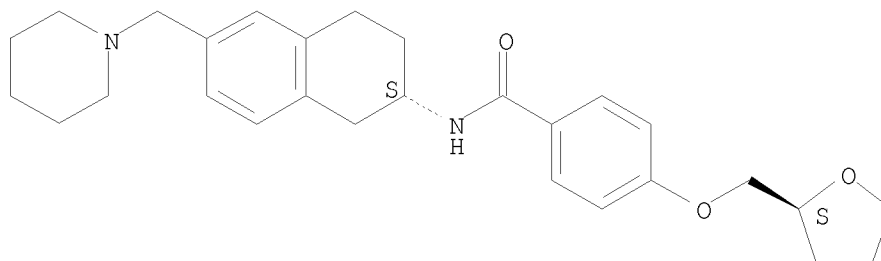
RN 1119256-56-2 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(2-methyl-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119256-57-3 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

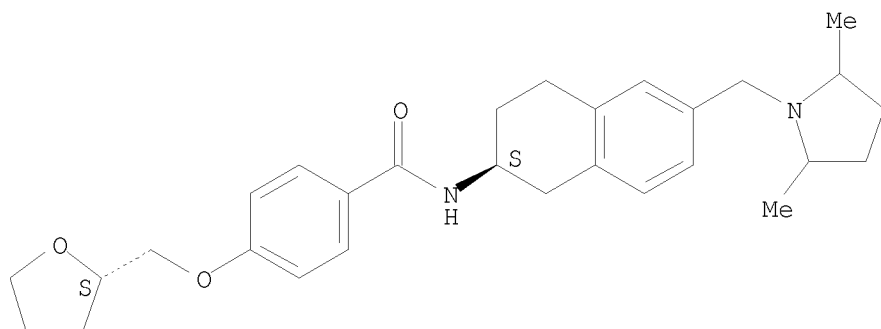
Absolute stereochemistry.



RN 1119256-60-8 CAPLUS  
CN Benzamide, N-[(2S)-6-[(2,5-dimethyl-1-pyrrolidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

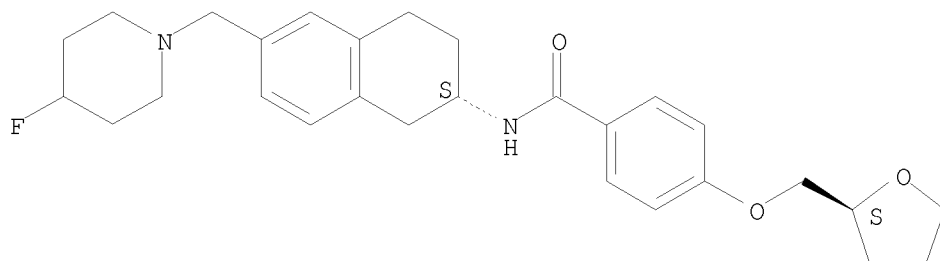
10/513699



RN 1119256-61-9 CAPLUS

CN Benzamide, N-[(2S)-6-[(4-fluoro-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

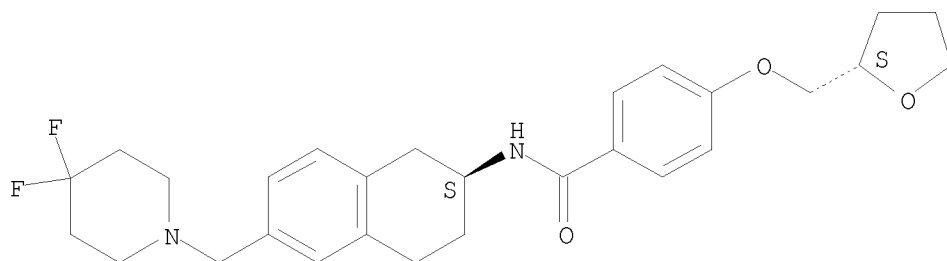
Absolute stereochemistry.



RN 1119256-62-0 CAPLUS

CN Benzamide, N-[(2S)-6-[(4,4-difluoro-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

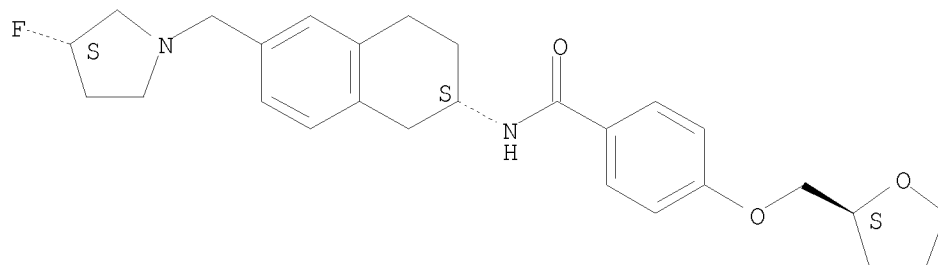


RN 1119256-63-1 CAPLUS

CN Benzamide, N-[(2S)-6-[[ (3S)-3-fluoro-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

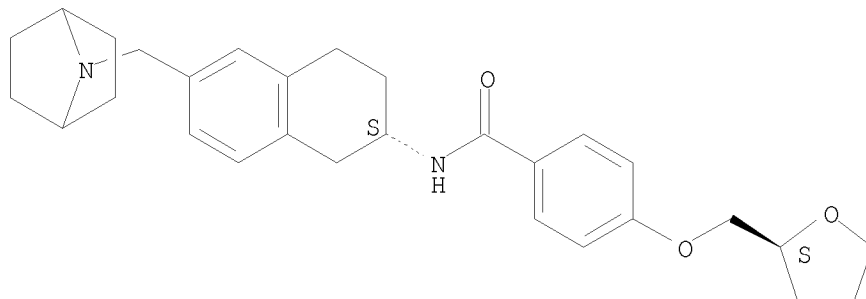
Absolute stereochemistry.

10/513699



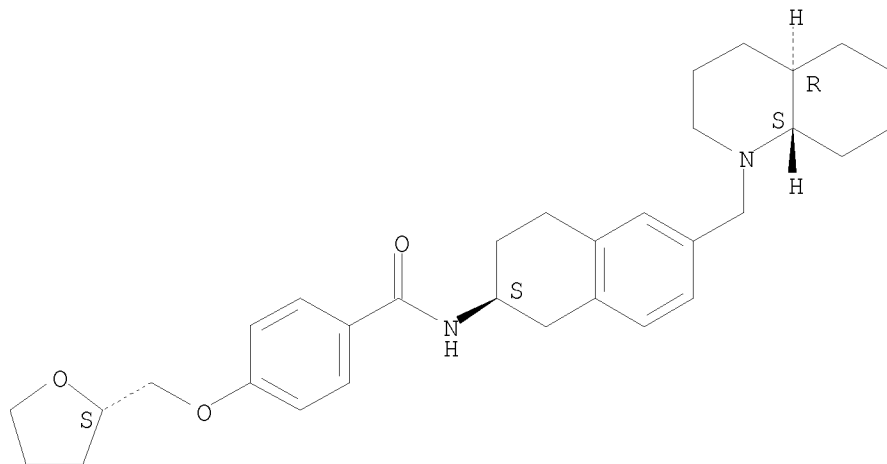
RN 1119256-64-2 CAPLUS  
CN Benzamide, N-[(2S)-6-(7-azabicyclo[2.2.1]hept-7-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119256-65-3 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (4aR,8aS)-octahydro-1(2H)-quinolinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



<12/04/2007>

Erich Leese

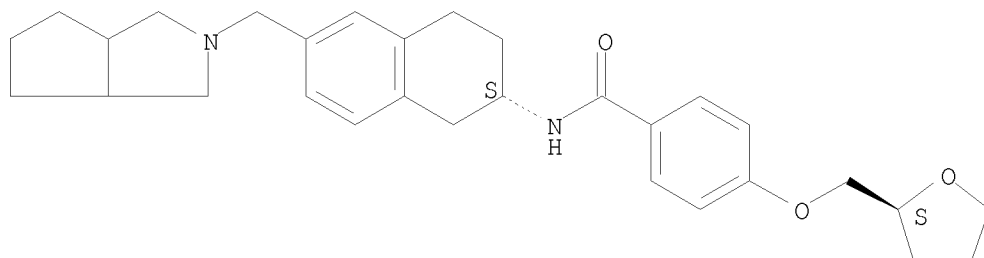


10/513699

RN 1119256-66-4 CAPLUS

CN Benzamide, N-[(2S)-6-[(hexahydrocyclopenta[c]pyrrol-2(1H)-yl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-  
(CA INDEX NAME)

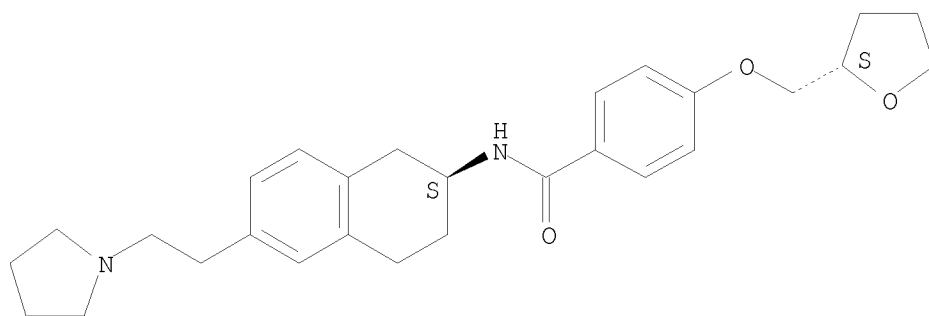
Absolute stereochemistry.



RN 1119256-69-7 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[2-(1-pyrrolidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

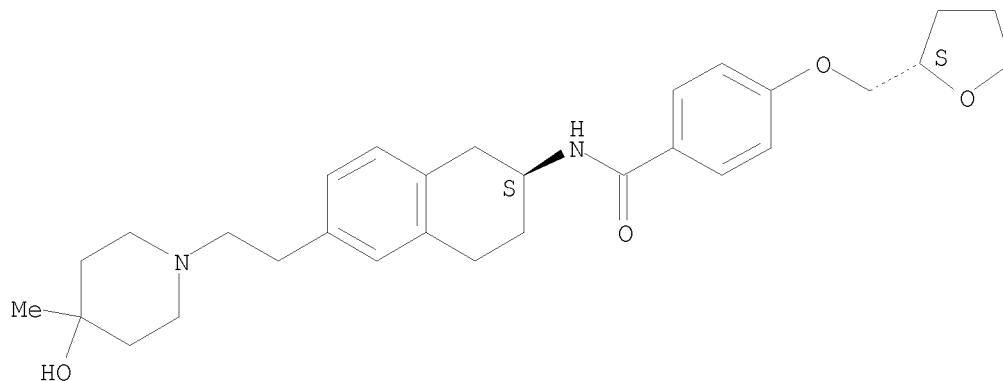


RN 1119256-70-0 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[2-(4-hydroxy-4-methyl-1-piperidinyl)ethyl]-2-naphthalenyl]-  
(CA INDEX NAME)

Absolute stereochemistry.

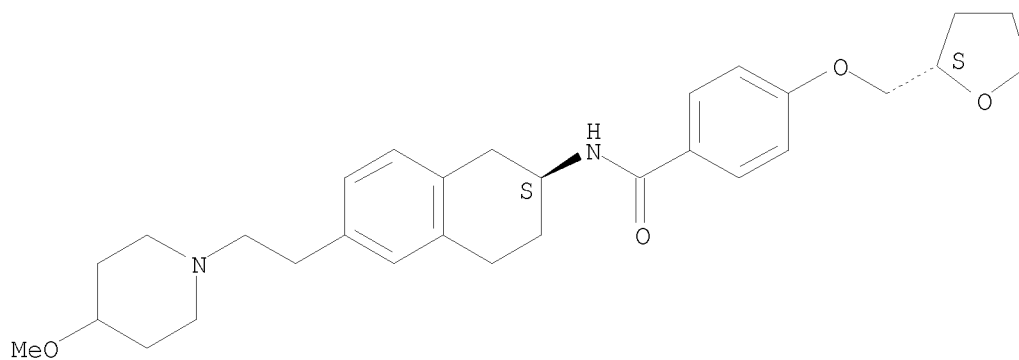
10/513699



RN 1119256-71-1 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[2-(4-methoxy-1-piperidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

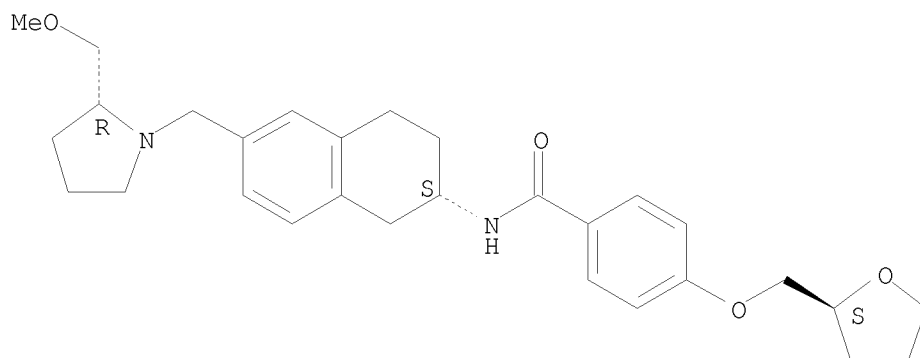


RN 1119256-73-3 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (2R)-2-(methoxymethyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

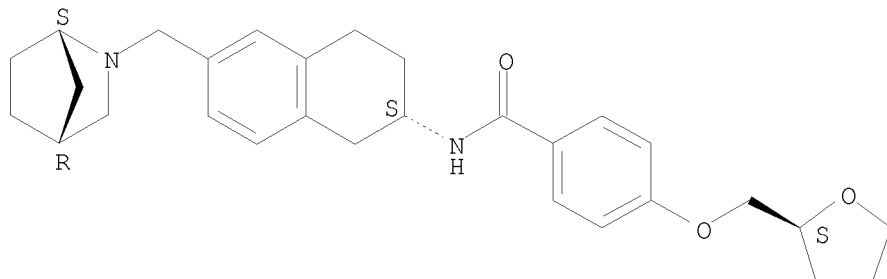
10/513699



RN 1119257-12-3 CAPLUS

CN Benzamide, N-[(2S)-6-[(1S,4R)-2-azabicyclo[2.2.1]hept-2-ylmethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

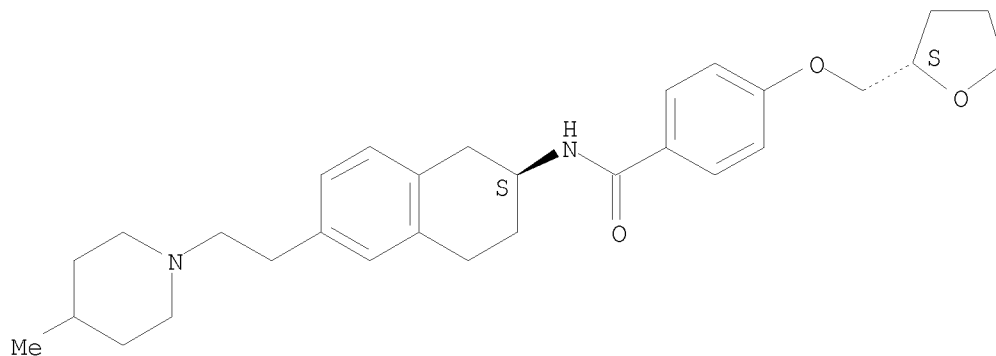
Absolute stereochemistry.



RN 1119257-58-7 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[2-(4-methyl-1-piperidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



<12/04/2007>

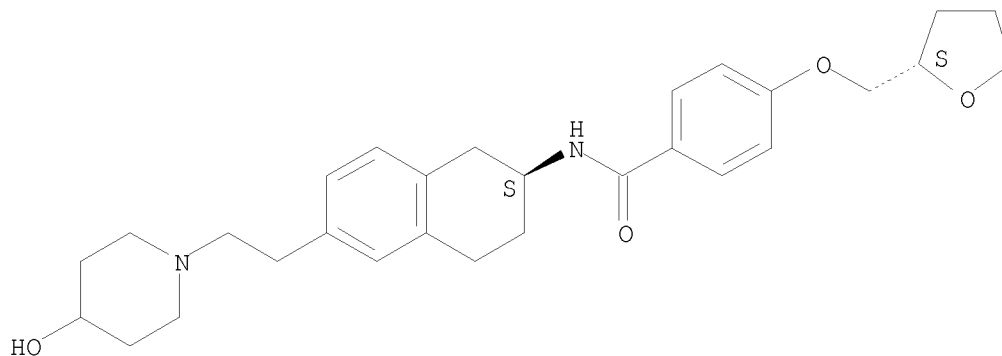
Erich Leese

10/513699

RN 1119257-64-5 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[2-(4-hydroxy-1-piperidiny)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

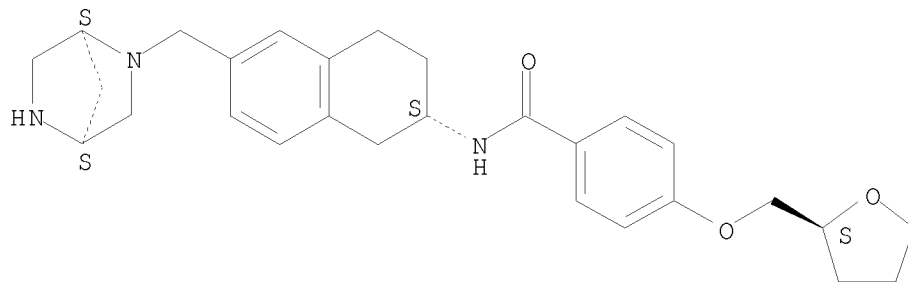
Absolute stereochemistry.



RN 1119257-73-6 CAPLUS

CN Benzamide, N-[(2S)-6-[(1S,4S)-2,5-diazabicyclo[2.2.1]hept-2-ylmethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

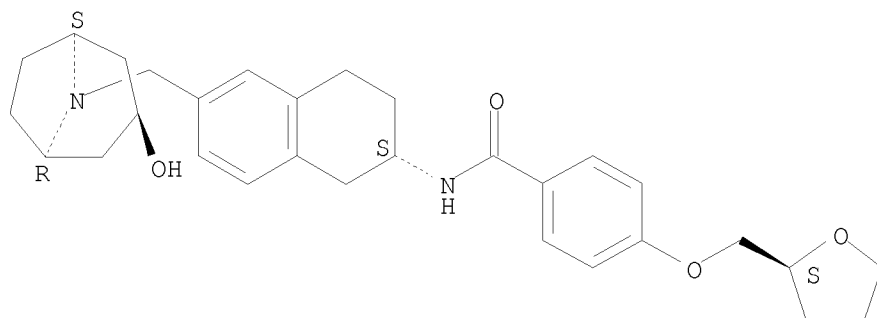


RN 1119257-74-7 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3-endo)-3-hydroxy-8-azabicyclo[3.2.1]oct-8-yl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

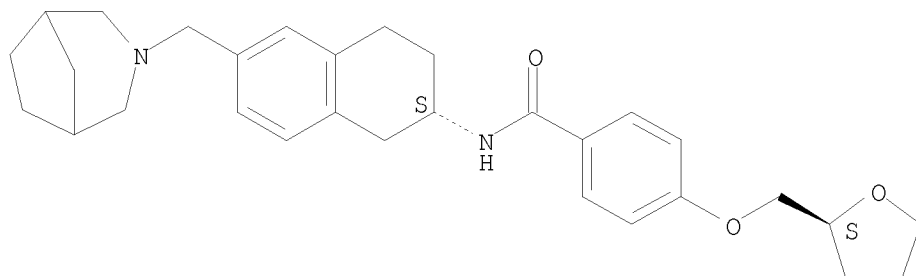
Absolute stereochemistry.

10/513699



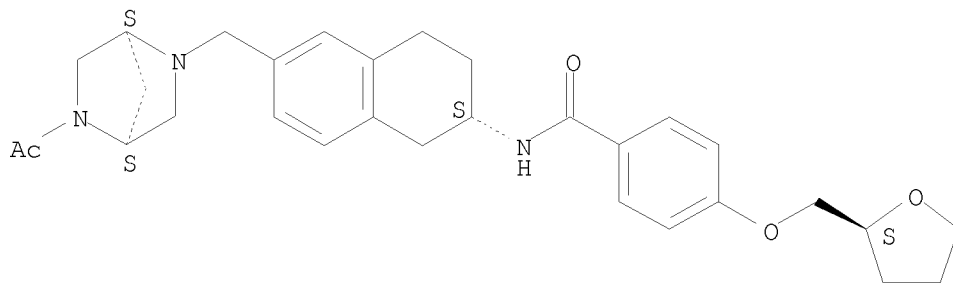
RN 1119257-75-8 CAPLUS  
CN Benzamide, N-[(2S)-6-(3-azabicyclo[3.2.1]oct-3-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119257-76-9 CAPLUS  
CN Benzamide, N-[(2S)-6-[[ (1S,4S)-5-acetyl-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

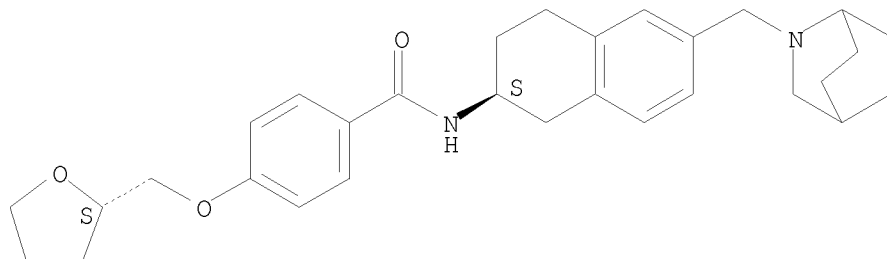
Absolute stereochemistry.



RN 1119257-77-0 CAPLUS  
CN Benzamide, N-[(2S)-6-(2-azabicyclo[2.2.2]oct-2-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

10/513699

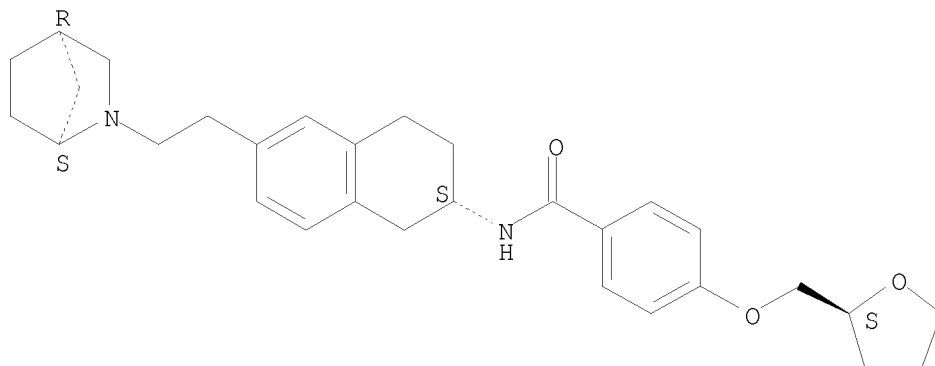
Absolute stereochemistry.



RN 1119257-78-1 CAPLUS

CN Benzamide, N-[(2S)-6-[2-(1S,4R)-2-azabicyclo[2.2.1]hept-2-ylethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

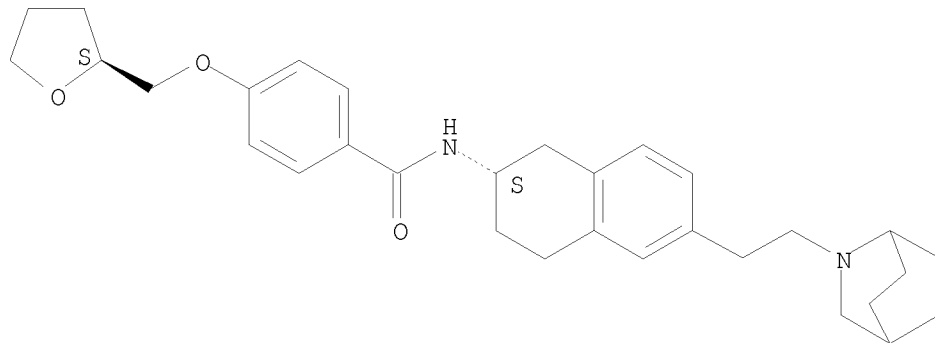
Absolute stereochemistry.



RN 1119257-79-2 CAPLUS

CN Benzamide, N-[(2S)-6-[2-(2-azabicyclo[2.2.2]oct-2-yl)ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119257-81-6 CAPLUS

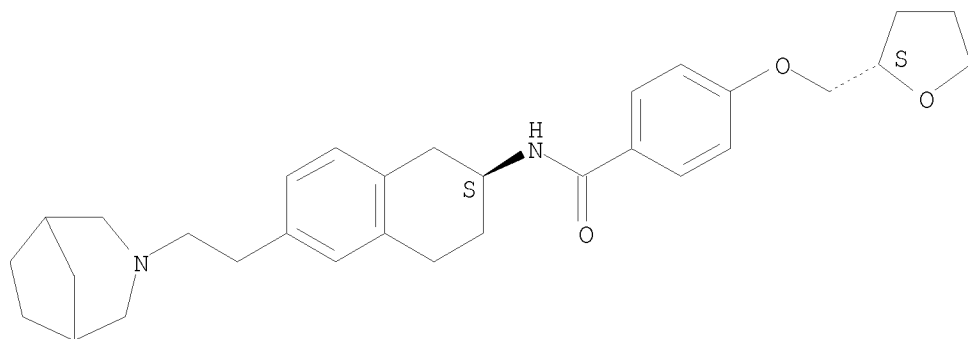
<12/04/2007>

Erich Leese

10/513699

CN Benzamide, N-[(2S)-6-[2-(3-azabicyclo[3.2.1]oct-3-yl)ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[2-(2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

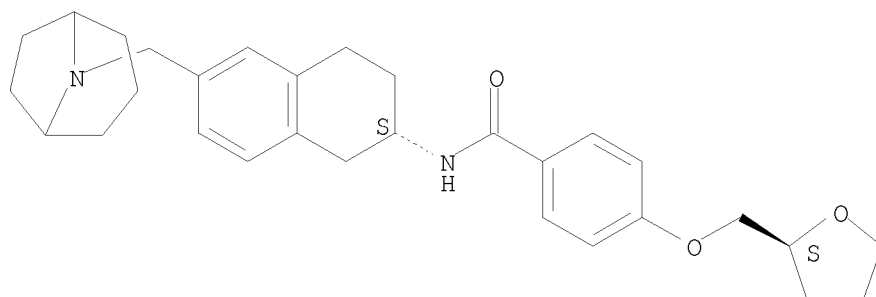
Absolute stereochemistry.



RN 1119257-84-9 CAPLUS

CN Benzamide, N-[(2S)-6-(8-azabicyclo[3.2.1]oct-8-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[2-(2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

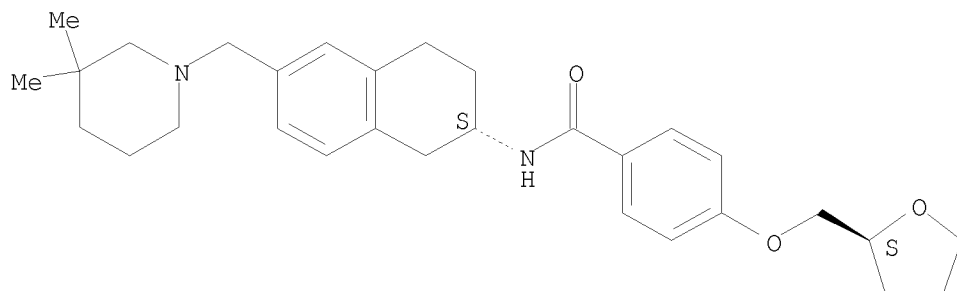


RN 1119257-91-8 CAPLUS

CN Benzamide, N-[(2S)-6-[(3,3-dimethyl-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[2-(2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

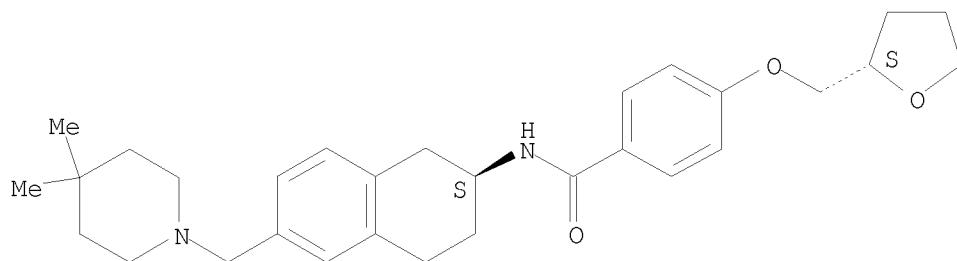
Absolute stereochemistry.

10/513699



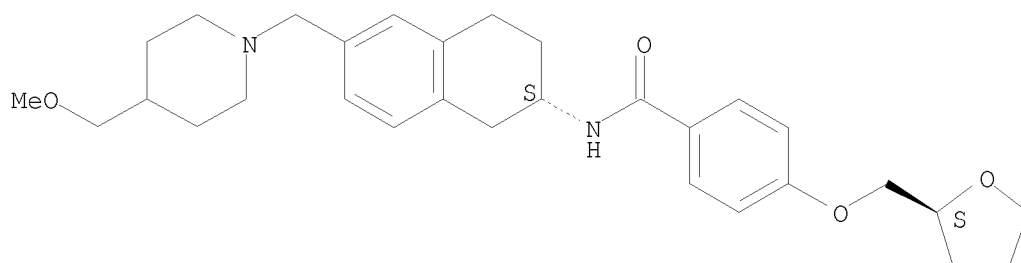
RN 1119257-93-0 CAPLUS  
CN Benzamide, N-[(2S)-6-[(4,4-dimethyl-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119257-96-3 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[4-(methoxymethyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

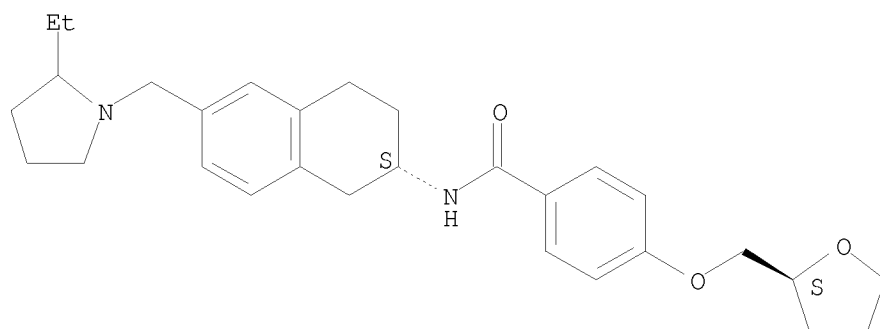


RN 1119257-97-4 CAPLUS  
CN Benzamide, N-[(2S)-6-[(2-ethyl-1-pyrrolidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



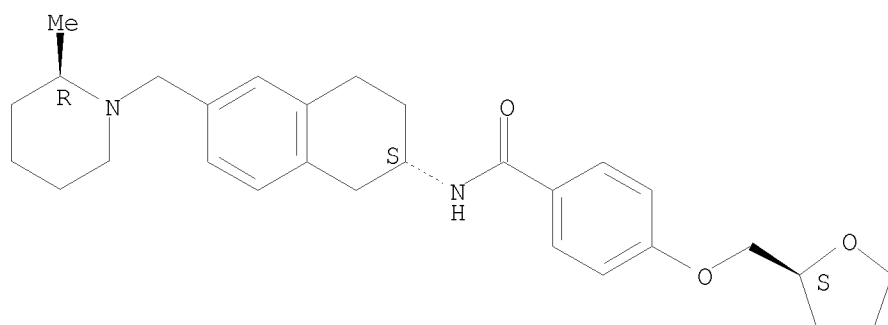
10/513699



RN 1119257-99-6 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (2R)-2-methyl-1-piperidiny]methyl]-2-naphthalenyl]- (CA INDEX NAME)

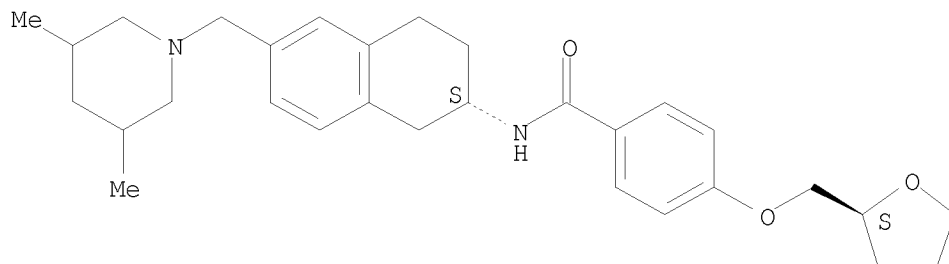
Absolute stereochemistry.



RN 1119258-01-3 CAPLUS

CN Benzamide, N-[(2S)-6-[(3,5-dimethyl-1-piperidiny]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119258-02-4 CAPLUS

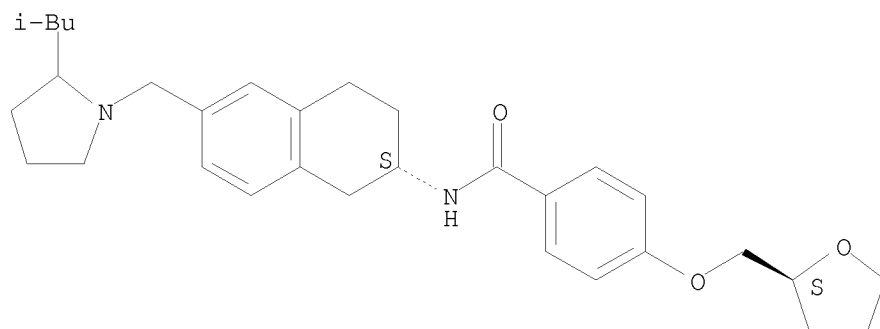
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[2-(2-methylpropyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

<12/04/2007>

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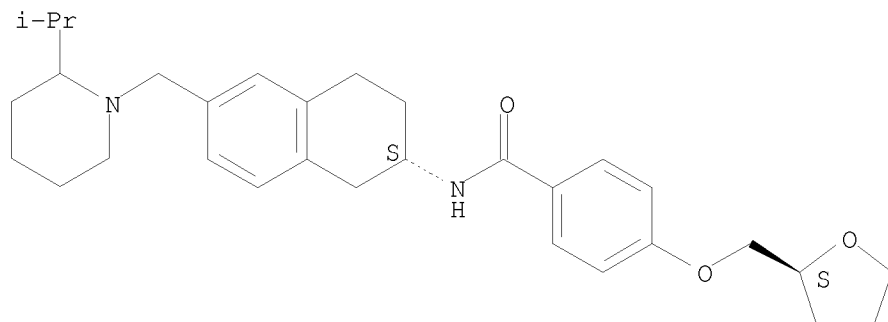
Absolute stereochemistry.



RN 1119258-03-5 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[2-(1-methylethyl)-1-piperidinyl]methyl]-2-naphthalenyl]-  
(CA INDEX NAME)

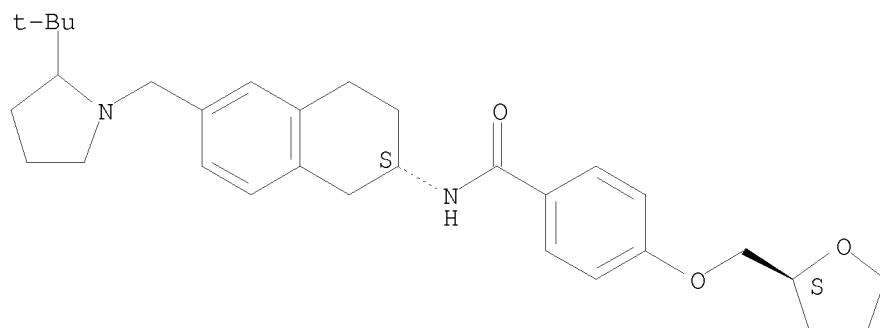
Absolute stereochemistry.



RN 1119258-06-8 CAPLUS

CN Benzamide, N-[(2S)-6-[[2-(1,1-dimethylethyl)-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-  
(CA INDEX NAME)

Absolute stereochemistry.



<12/04/2007>

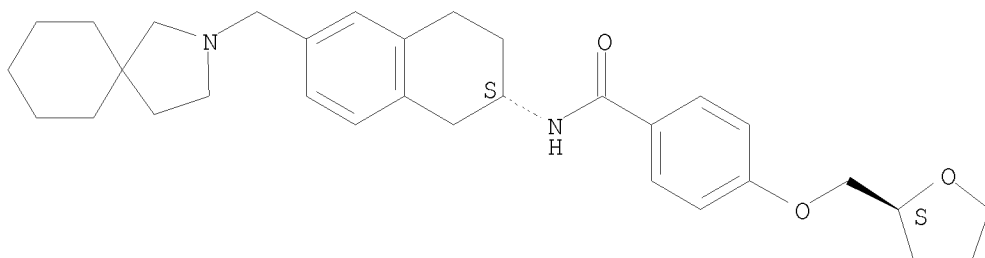
Erich Leese

10/513699

RN 1119258-10-4 CAPLUS

CN Benzamide, N-[(2S)-6-(2-azaspiro[4.5]dec-2-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

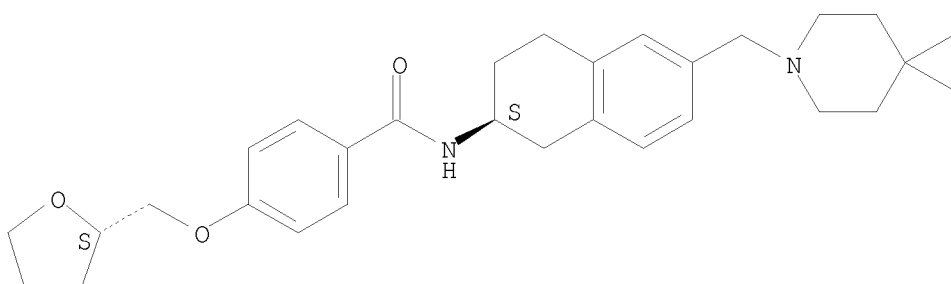
Absolute stereochemistry.



RN 1119258-14-8 CAPLUS

CN Benzamide, N-[(2S)-6-(6-azaspiro[2.5]oct-6-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

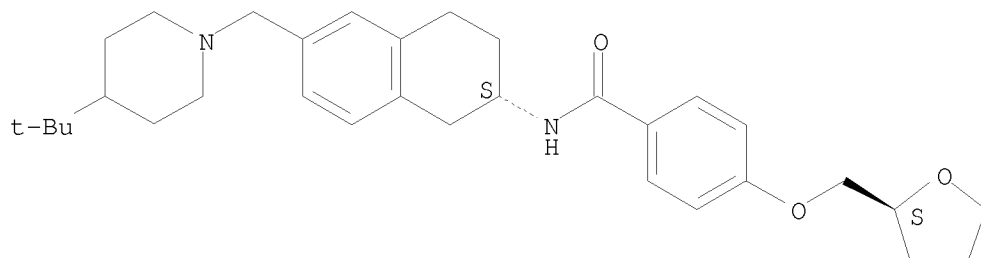
Absolute stereochemistry.



RN 1119258-27-3 CAPLUS

CN Benzamide, N-[(2S)-6-[[4-(1,1-dimethylethyl)-1-piperidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119258-33-1 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-propyl-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

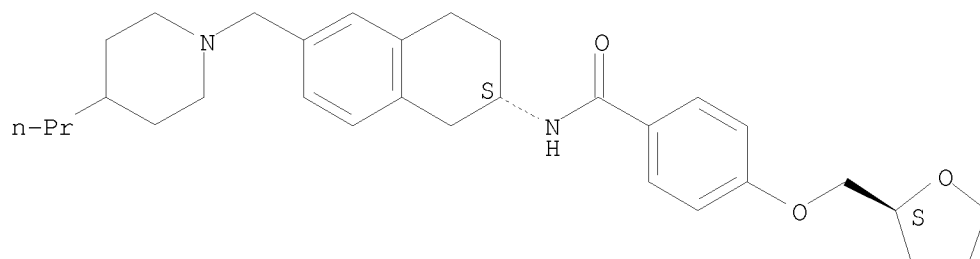
<12/04/2007>

Erich Leese

10/513699

NAME)

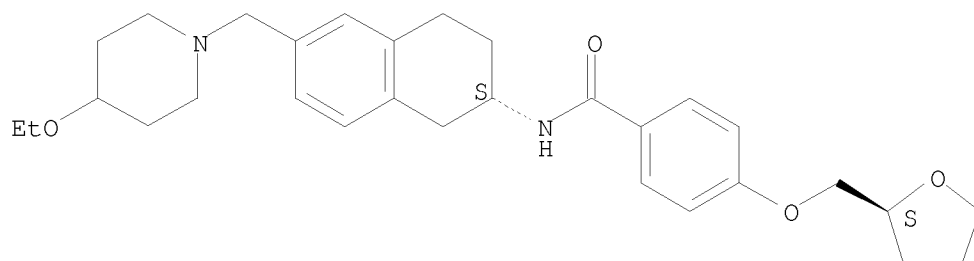
Absolute stereochemistry.



RN 1119258-35-3 CAPLUS

CN Benzamide, N-[(2S)-6-[(4-ethoxy-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

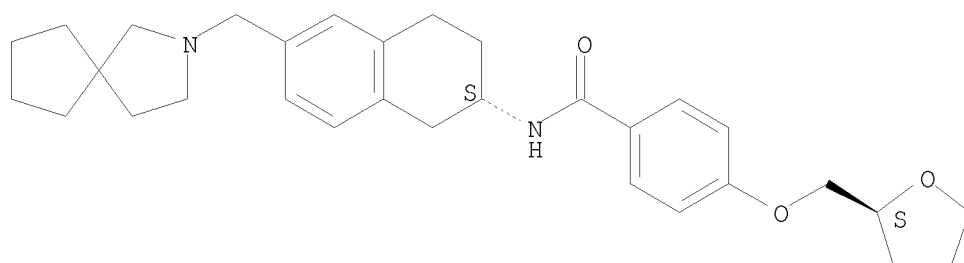
Absolute stereochemistry.



RN 1119258-37-5 CAPLUS

CN Benzamide, N-[(2S)-6-(2-azaspiro[4.4]non-2-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119258-41-1 CAPLUS

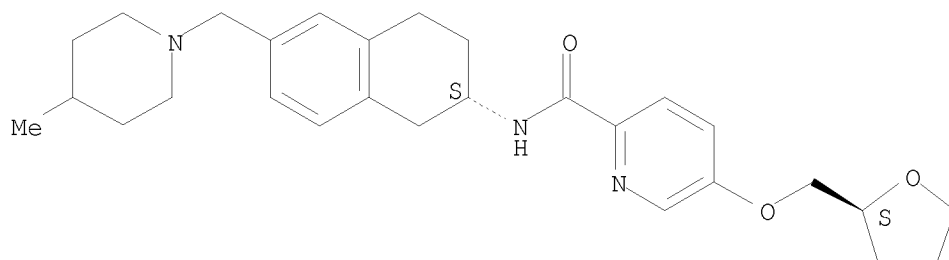
CN 2-Pyridinecarboxamide, 5-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

<12/04/2007>

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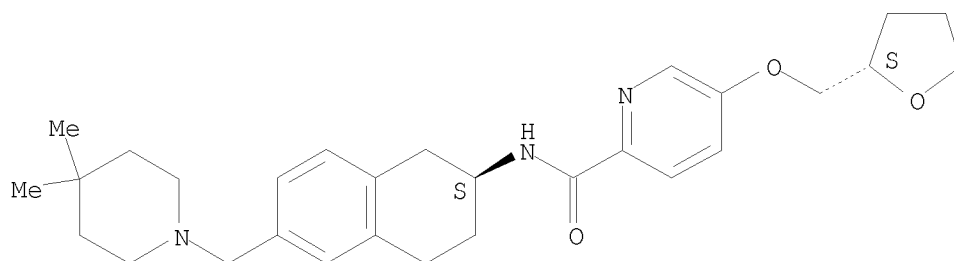
10/513699



RN 1119258-43-3 CAPLUS

CN 2-Pyridinecarboxamide, N-[(2S)-6-[(4,4-dimethyl-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

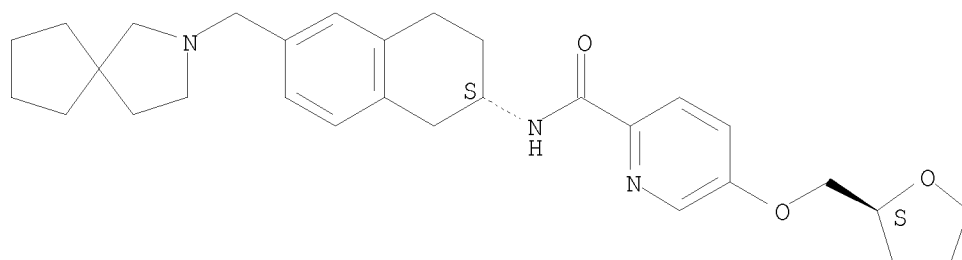
Absolute stereochemistry.



RN 1119258-47-7 CAPLUS

CN 2-Pyridinecarboxamide, N-[(2S)-6-(2-azaspiro[4.4]non-2-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119258-55-7 CAPLUS

CN 2-Pyridinecarboxamide, N-[(2S)-6-[(hexahydrocyclopenta[c]pyrrol-2(1H)-yl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

C1CCN(C1Cc2ccc3ccccc3c2)Cc4ccc(cc4)SNC(=O)c5ccnc(c5)CO[C@H]6SCCOC6

CN 2-Pyridinecarboxamide, 5-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methoxy-1-piperidinyl)methyl]-2-naphthalenyl]-  
(CA INDEX NAME)

COC1CCN(CC1)CC2=CC=CC3=CC=CC=C2S3NC(=O)c4ccc(OCC5CSCC5)cc4n

CN 2-Pyridinecarboxamide, N-[(2S)-6-[(4-ethoxy-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[(2S)-tetrahydro-2-furanyl)methoxy]- (CA INDEX NAME)

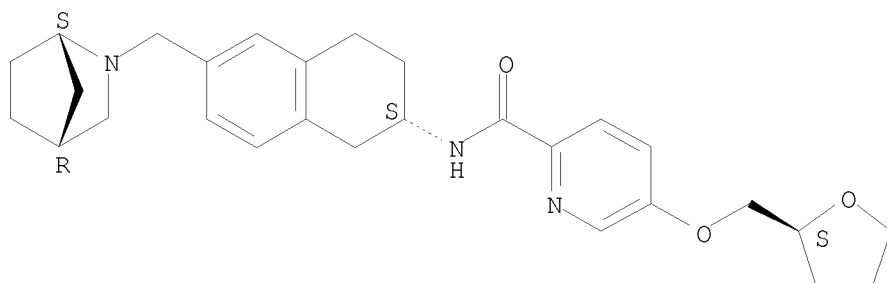
CCOC1CCN(CC1)CC2=CC=CC3=CC=CC=C2S3NC(=O)c4ccc(OCC5CSCC5)cc4n

CN 2-Pyridinecarboxamide, N-[(2S)-6-[(1S,4R)-2-azabicyclo[2.2.1]hept-2-ylmethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

<12/04/2007>

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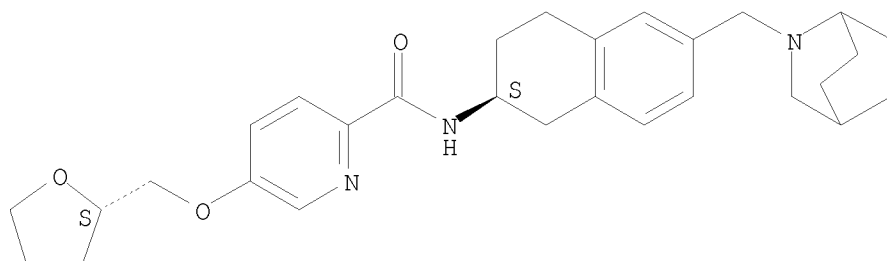
10/513699



RN 1119258-71-7 CAPLUS

CN 2-Pyridinecarboxamide, N-[(2S)-6-(2-azabicyclo[2.2.2]oct-2-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-5-[[2-(2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

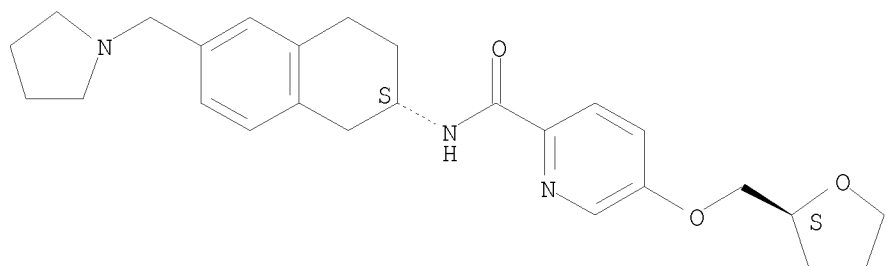
Absolute stereochemistry.



RN 1119258-74-0 CAPLUS

CN 2-Pyridinecarboxamide, 5-[[2-(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

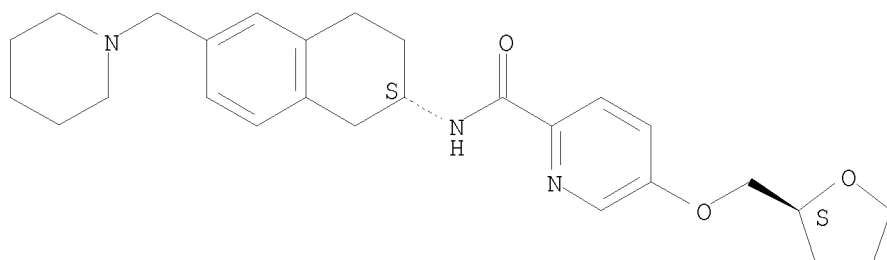


RN 1119258-76-2 CAPLUS

CN 2-Pyridinecarboxamide, 5-[[2-(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

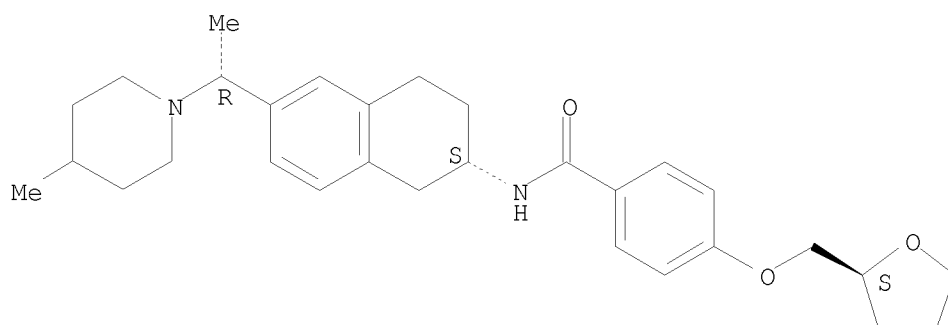
Absolute stereochemistry.

10/513699



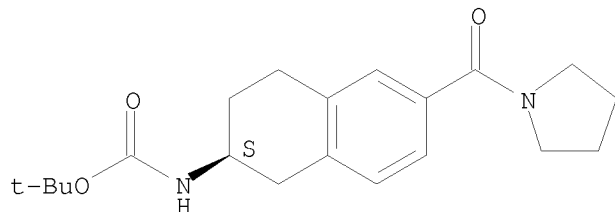
RN 1119259-46-9 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(1R)-1-(4-methyl-1-piperidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 1119020-01-7P 1119020-11-9P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of tetrahydronaphthalenes and chromans as MCH antagonists)  
RN 1119020-01-7 CAPLUS  
CN Carbamic acid, N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylcarbonyl)-2-naphthalenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

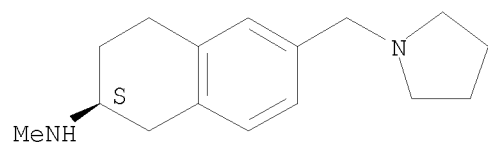


RN 1119020-11-9 CAPLUS  
CN 2-Naphthalenamine, 1,2,3,4-tetrahydro-N-methyl-6-(1-pyrrolidinylmethyl)-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



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OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)

10/513699

L17 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2009:191503 CAPLUS

DOCUMENT NUMBER: 150:259959

TITLE: Preparation of tetrahydronaphthalenes as antidiabetic agents

INVENTOR(S): Schwink, Lothar; Stengelin, Siegfried; Gossel, Matthias; Haack, Torsten; Lennig, Petra

PATENT ASSIGNEE(S): Sanofi-Aventis, Fr.

SOURCE: Eur. Pat. Appl., 55pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

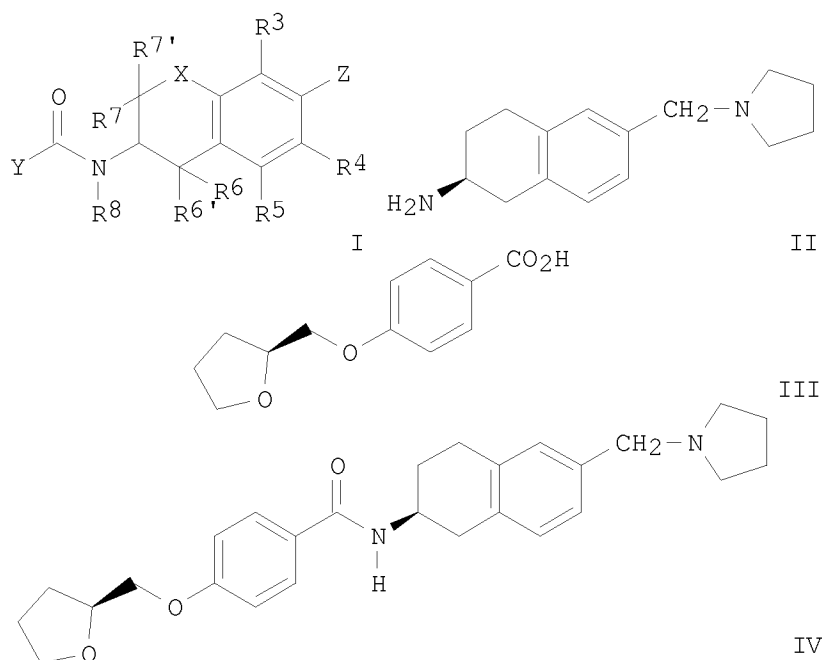
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 2025674	A1	20090218	EP 2007-291010	20070815
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS				
WO 2009021740	A2	20090219	WO 2008-EP6700	20080814
WO 2009021740	A3	20090514		
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				

PRIORITY APPLN. INFO.: EP 2007-291010 A 20070815

GI



AB Title compds. I [Z = L1-NR1R2; Y = L2-A-L3-B; R1, R2 = H, alkyl, alkenyl, etc.; L1 = cycloalkyl with provisos; R3, R4, R5 = H, halo, OH, etc.; X = O, CR43R43'; R6, R6', R7, R7', R43, R43' = H, F, alkyl, etc.; R8 = H, alkyl; L2 = bond, CR44R45; R44, R45 = H, alkyl; A = 5 or 6-membered aromatic ring with provisos; L3 = bond, O, S, SO2, etc.; B = alkyl, alkoxyalkyl, hydroxyalkyl, etc.] and their pharmaceutically acceptable salts and formulations were prepared For example, HATU-mediated coupling of amine II and benzoic acid III afforded tetrahydronaphthalene IV. In

melanin-concentrating

hormone receptor calcium influx assays, 2 examples of compds. I exhibited IC50 values of 0.13 and 0.67  $\mu$ M.

IT	1119016-70-4P	1119016-75-9P	1119016-77-1P
	1119016-79-3P	1119016-81-7P	1119016-83-9P
	1119016-85-1P	1119016-87-3P	1119016-89-5P
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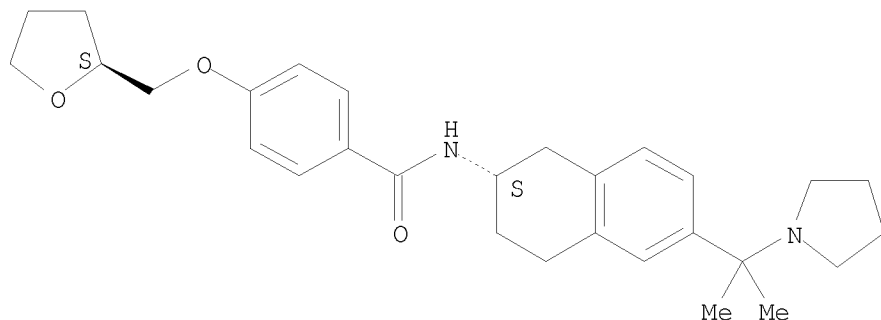
RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetrahydronaphthalenes as antidiabetic agents)

10/513699

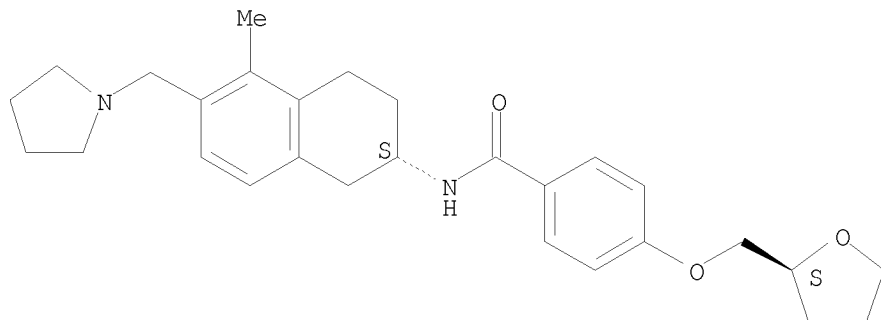
RN 1119016-70-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[1-methyl-1-(1-pyrrolidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



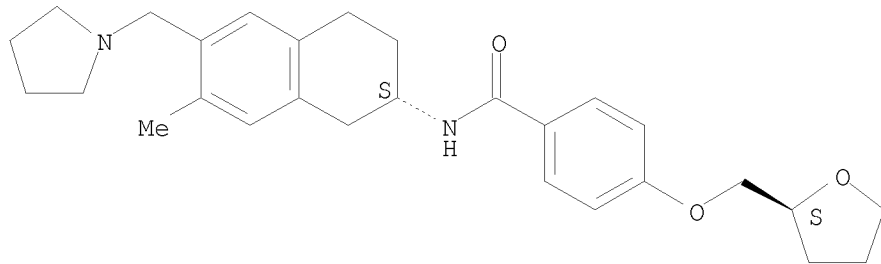
RN 1119016-75-9 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-5-methyl-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119016-77-1 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-7-methyl-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

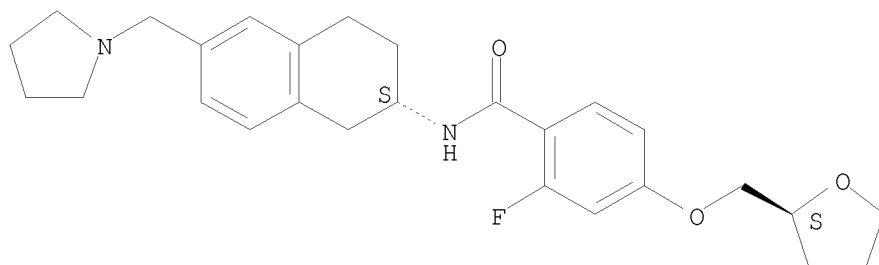


10/513699

RN 1119016-79-3 CAPLUS

CN Benzamide, 2-fluoro-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

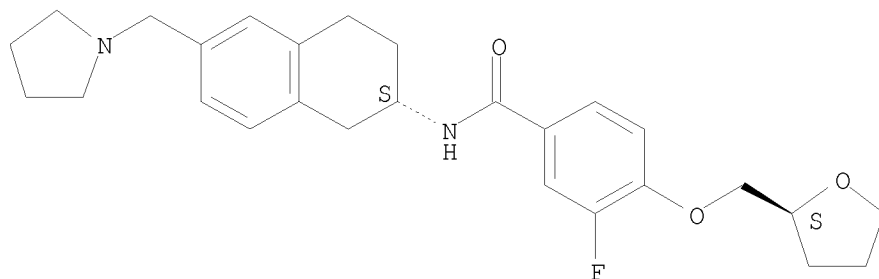
Absolute stereochemistry.



RN 1119016-81-7 CAPLUS

CN Benzamide, 3-fluoro-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

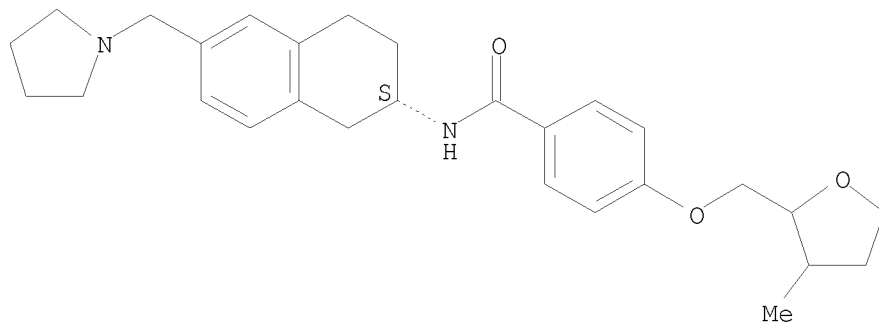
Absolute stereochemistry.



RN 1119016-83-9 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1119016-85-1 CAPLUS

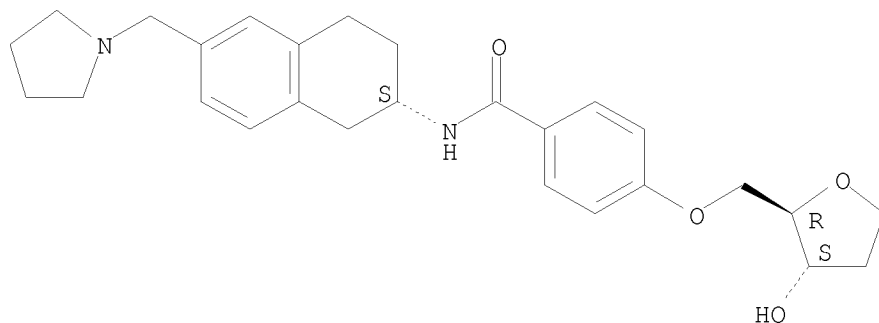
CN INDEX NAME NOT YET ASSIGNED

<12/04/2007>

Erich Leese

10/513699

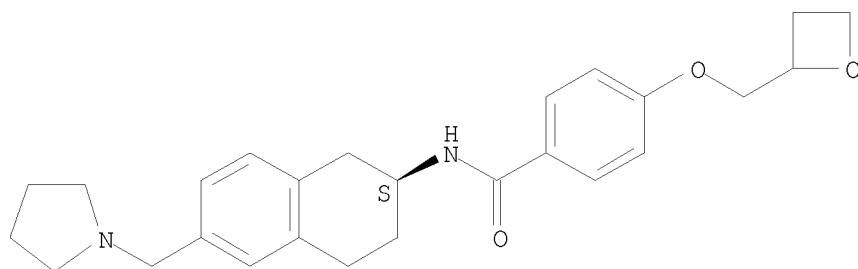
Absolute stereochemistry.



RN 1119016-87-3 CAPLUS

CN Benzamide, 4-(2-oxetanylmethoxy)-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

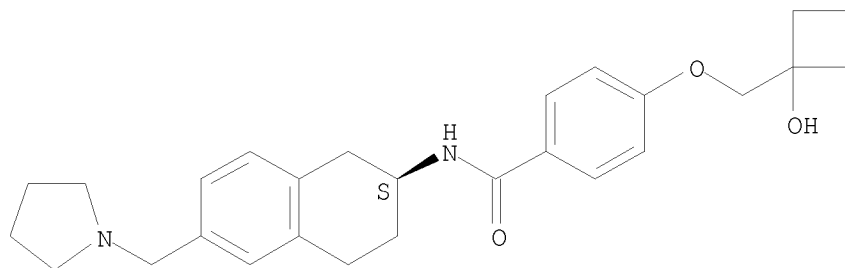
Absolute stereochemistry.



RN 1119016-89-5 CAPLUS

CN Benzamide, 4-[(1-hydroxycyclobutyl)methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

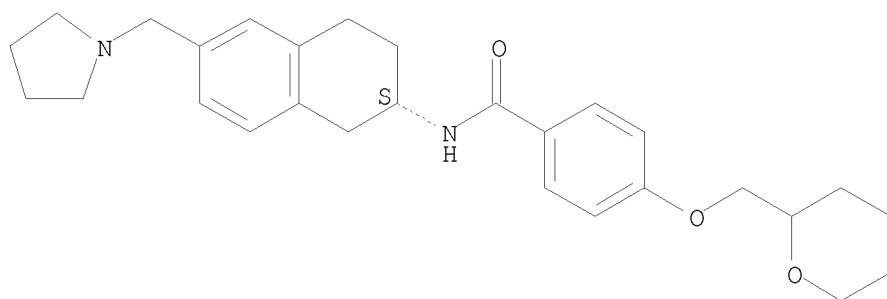


RN 1119016-91-9 CAPLUS

CN Benzamide, 4-[(tetrahydro-2H-pyran-2-yl)methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

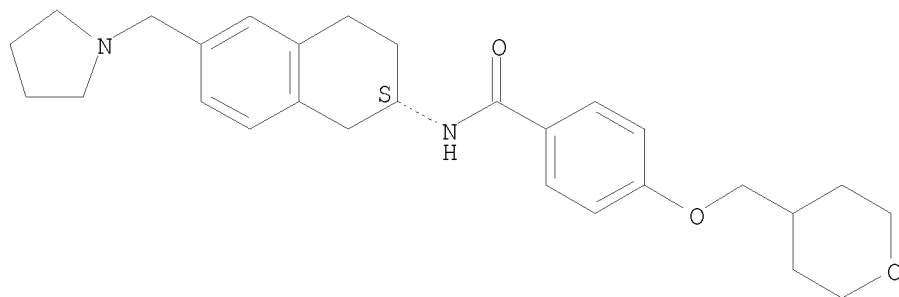
10/513699



RN 1119016-93-1 CAPLUS

CN Benzamide, 4-[(tetrahydro-2H-pyran-4-yl)methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

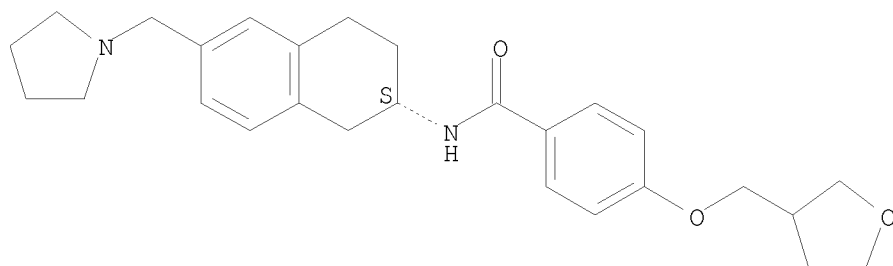
Absolute stereochemistry.



RN 1119016-95-3 CAPLUS

CN Benzamide, 4-[(tetrahydro-3-furanyl)methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

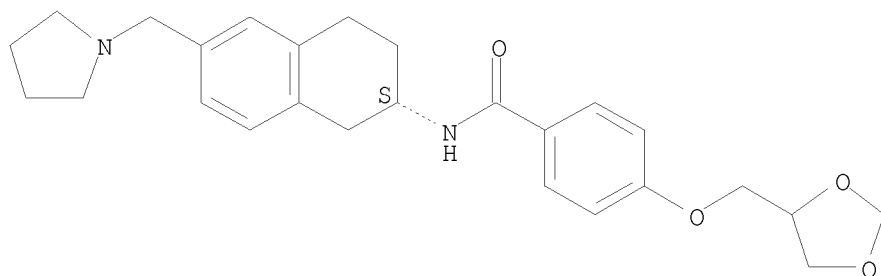


RN 1119016-97-5 CAPLUS

CN Benzamide, 4-(1,3-dioxolan-4-ylmethoxy)-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

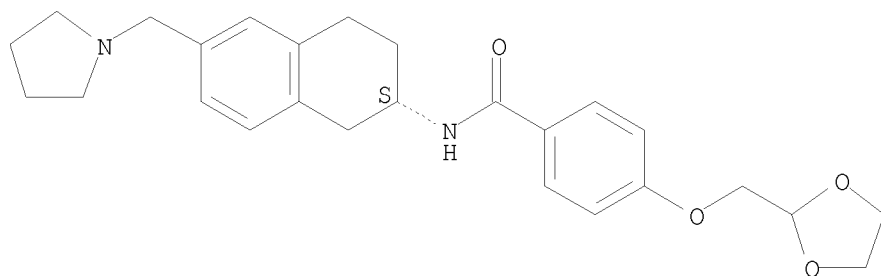
10/513699



RN 1119016-99-7 CAPLUS

CN Benzamide, 4-(1,3-dioxolan-2-ylmethoxy)-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

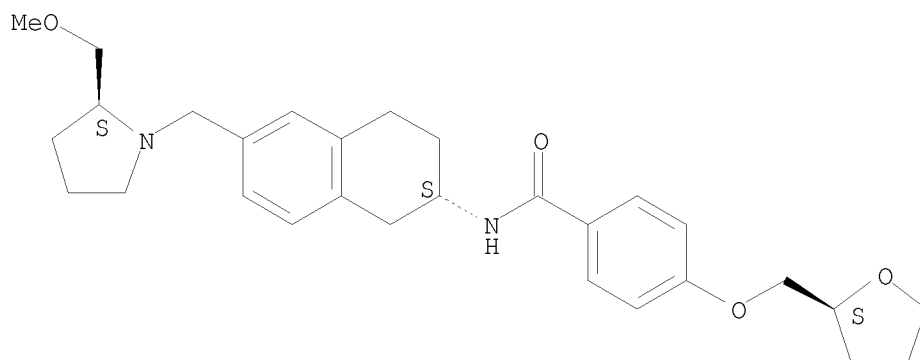
Absolute stereochemistry.



RN 1119017-85-4 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[[(2S)-2-(methoxymethyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119018-13-1 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

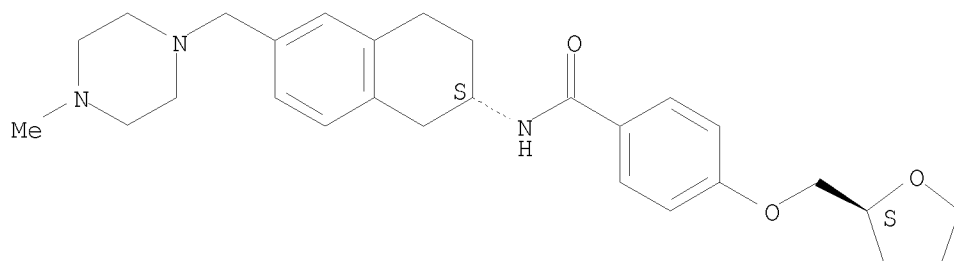
<12/04/2007>

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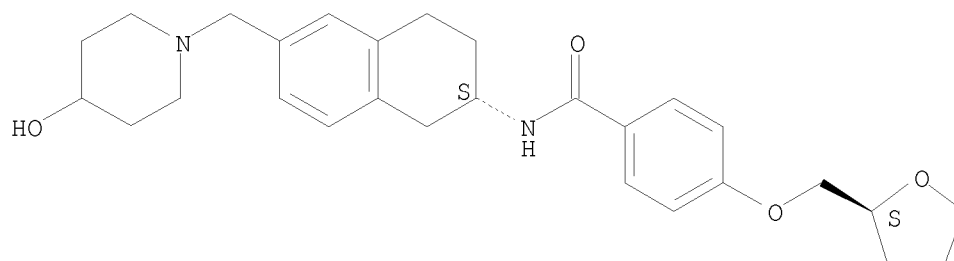
Absolute stereochemistry.



RN 1119018-20-0 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

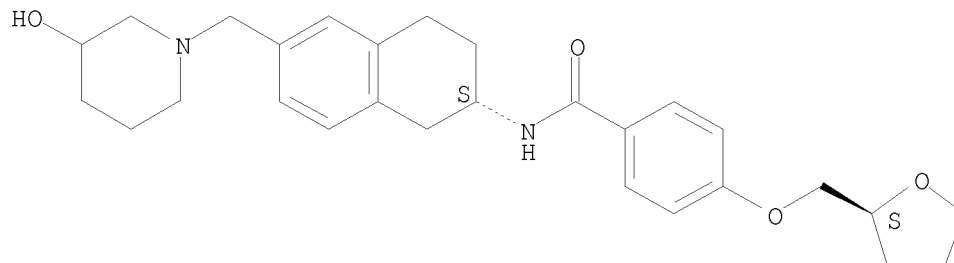
Absolute stereochemistry.



RN 1119018-22-2 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

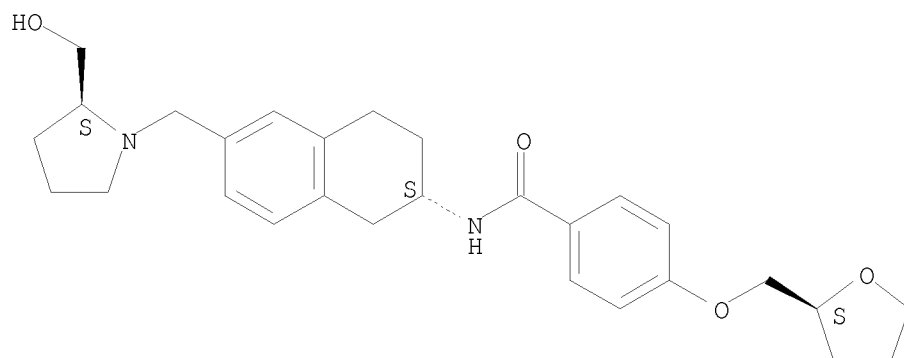


RN 1119018-24-4 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(2S)-2-(hydroxymethyl)-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

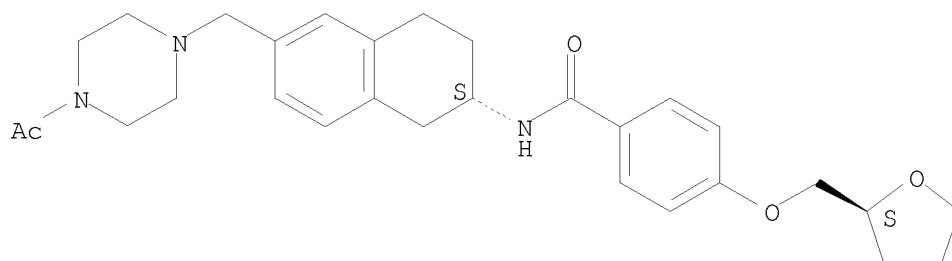
10/513699



RN 1119018-28-8 CAPLUS

CN Benzamide, N-[(2S)-6-[(4-acetyl-1-piperazinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

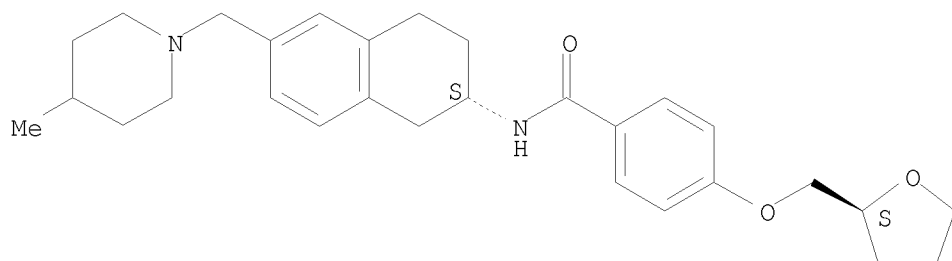
Absolute stereochemistry.



RN 1119018-30-2 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

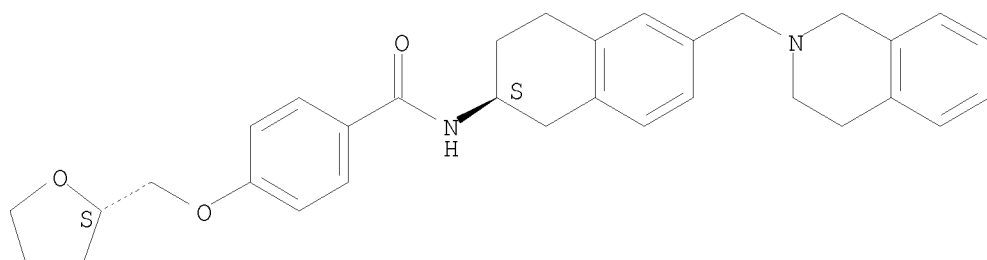


RN 1119018-34-6 CAPLUS

CN Benzamide, N-[(2S)-6-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

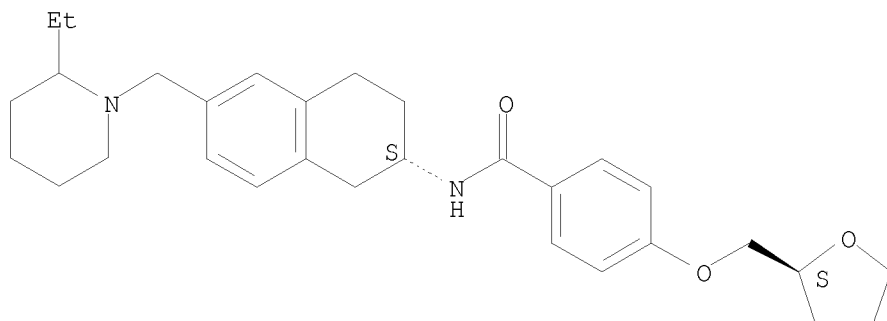
10/513699



RN 1119018-43-7 CAPLUS

CN Benzamide, N-[(2S)-6-[(2-ethyl-1-piperidiny)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

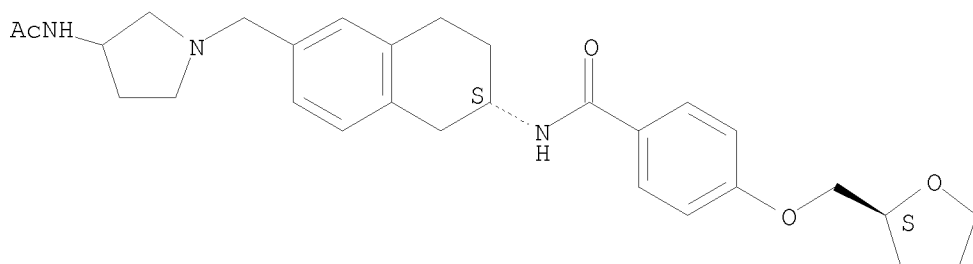
Absolute stereochemistry.



RN 1119018-49-3 CAPLUS

CN Benzamide, N-[(2S)-6-[[3-(acetylamino)-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

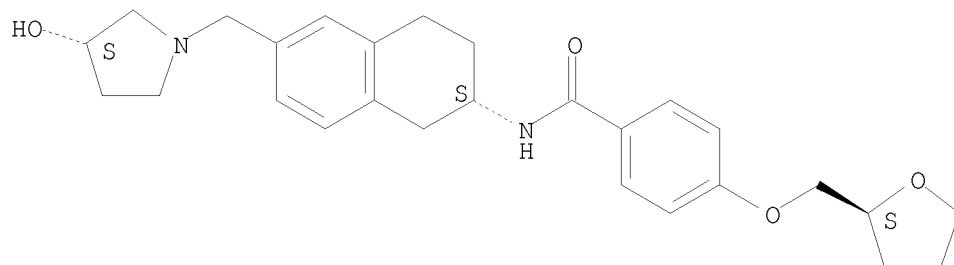


RN 1119018-53-9 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3S)-3-hydroxy-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

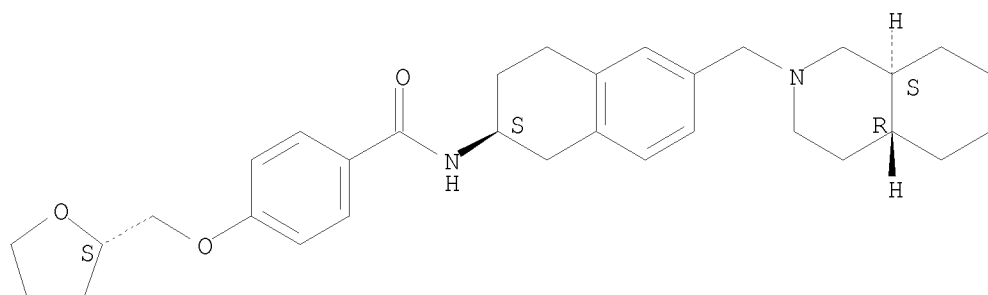
10/513699



RN 1119018-59-5 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (4aR,8aS)-octahydro-2(1H)-isoquinolinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

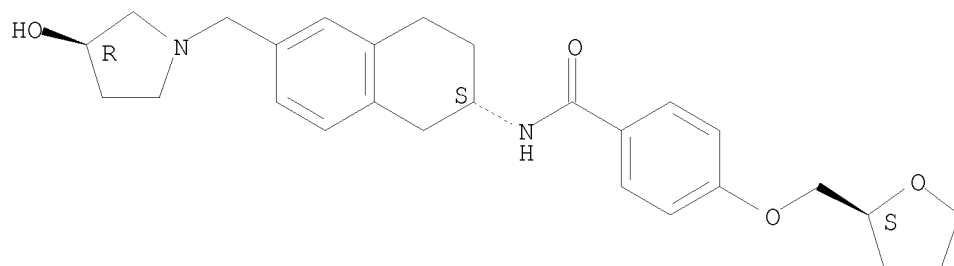
Absolute stereochemistry.



RN 1119018-71-1 CAPLUS

CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[ (3R)-3-hydroxy-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

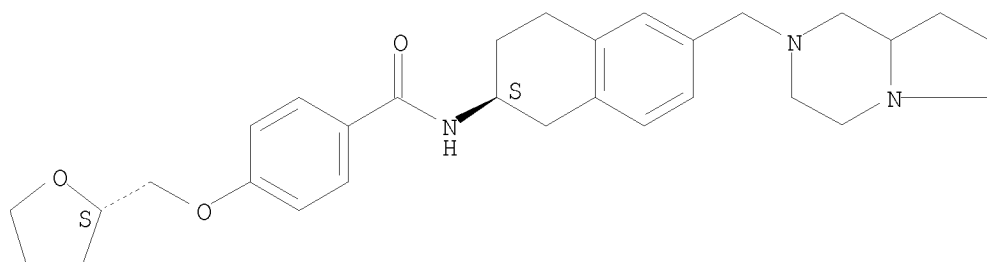


RN 1119018-82-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

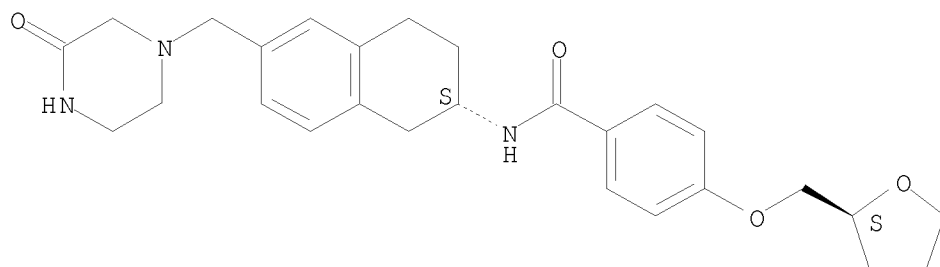
Absolute stereochemistry.

10/513699



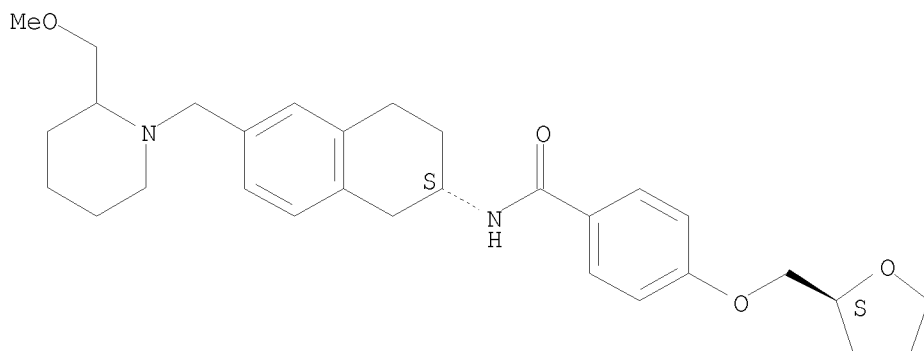
RN 1119018-90-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-oxo-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119019-05-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[2-(methoxymethyl)-1-piperidiny]methyl]-2-naphthalenyl]- (CA INDEX NAME)

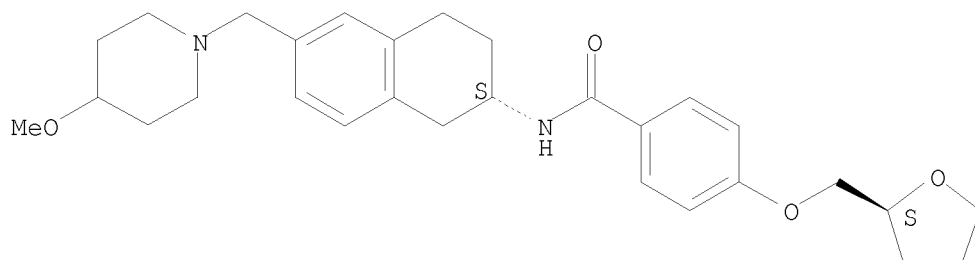
Absolute stereochemistry.



RN 1119019-07-6 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(4-methoxy-1-piperidiny)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

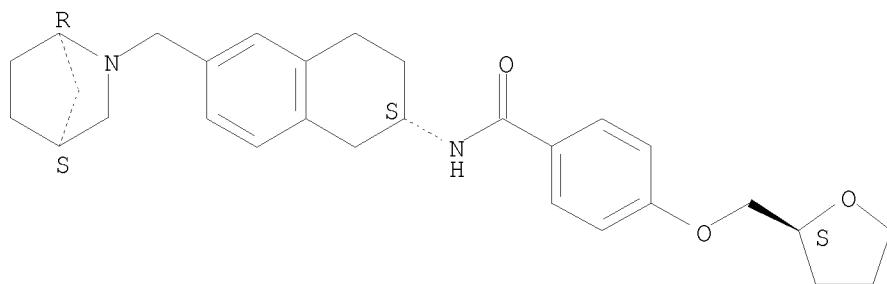
10/513699



RN 1119019-13-4 CAPLUS

CN Benzamide, N-[(2S)-6-[(1R,4S)-2-azabicyclo[2.2.1]hept-2-ylmethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

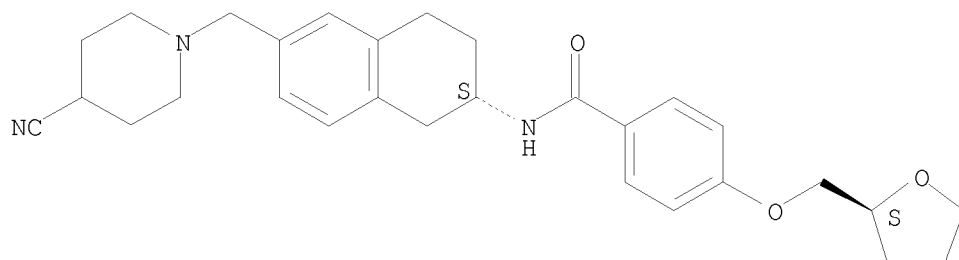
Absolute stereochemistry.



RN 1119019-15-6 CAPLUS

CN Benzamide, N-[(2S)-6-[(4-cyano-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

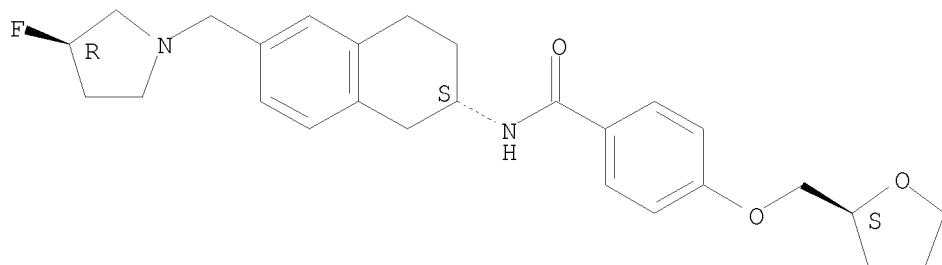


RN 1119019-19-0 CAPLUS

CN Benzamide, N-[(2S)-6-[[ (3R)-3-fluoro-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

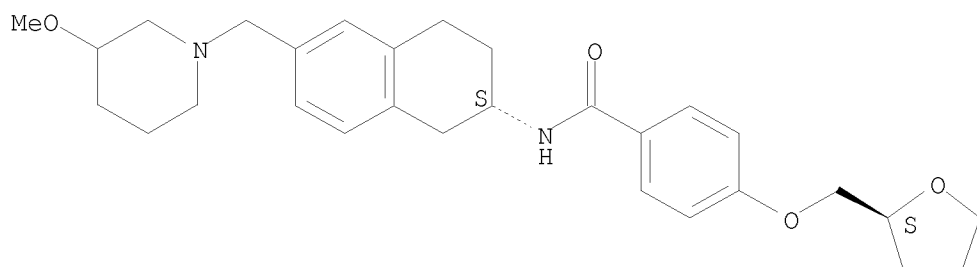
Absolute stereochemistry.

10/513699



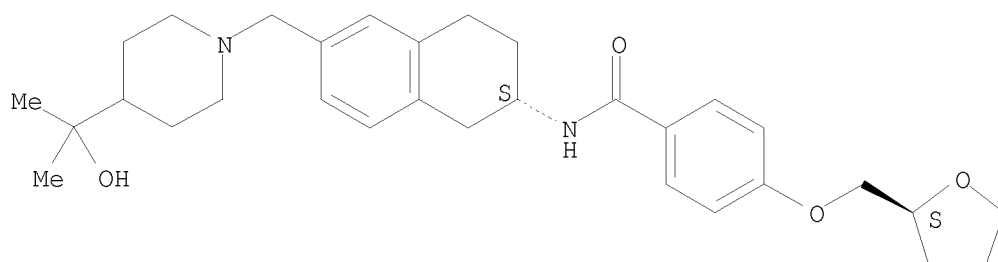
RN 1119019-21-4 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-methoxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119019-23-6 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[4-(1-hydroxy-1-methylethyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

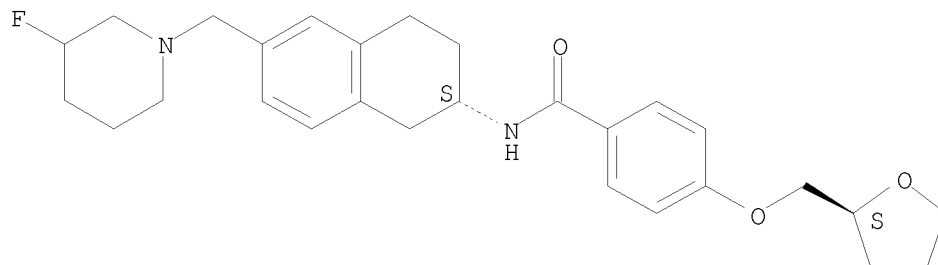
Absolute stereochemistry.



RN 1119019-25-8 CAPLUS  
CN Benzamide, N-[(2S)-6-[(3-fluoro-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.

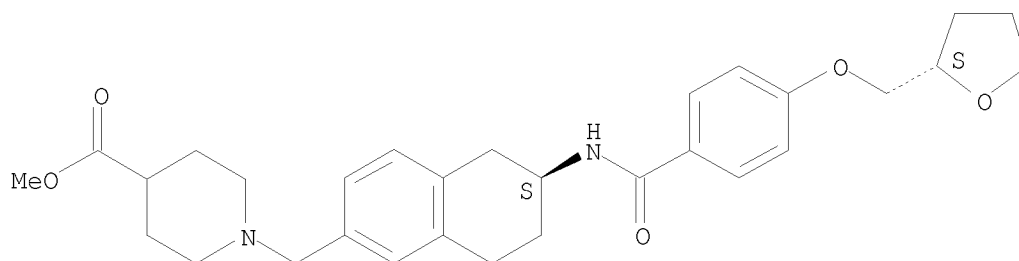
10/513699



RN 1119019-41-8 CAPLUS

CN 4-Piperidinecarboxylic acid, 1-[[[(6S)-5,6,7,8-tetrahydro-6-[[4-[[[(2S)-tetrahydro-2-furanyl]methoxy]benzoyl]amino]-2-naphthalenyl]methyl]-, methyl ester (CA INDEX NAME)

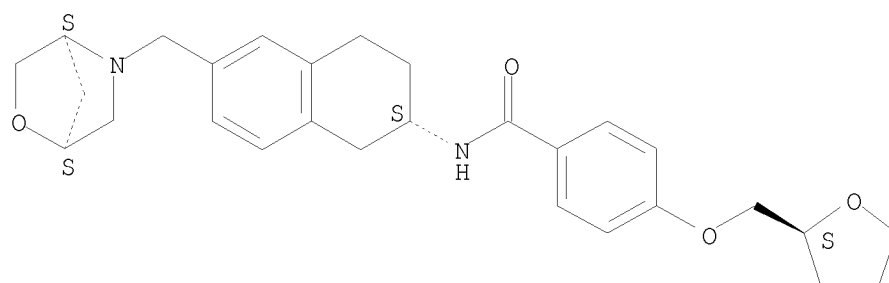
Absolute stereochemistry.



RN 1119019-45-2 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(1S,4S)-2-oxa-5-azabicyclo[2.2.1]hept-5-ylmethyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



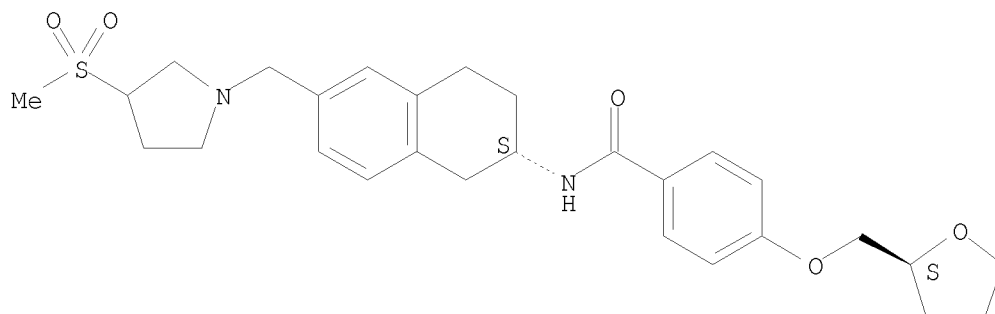
RN 1119019-47-4 CAPLUS

CN Benzamide, 4-[[[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[[3-(methylsulfonyl)-1-pyrrolidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

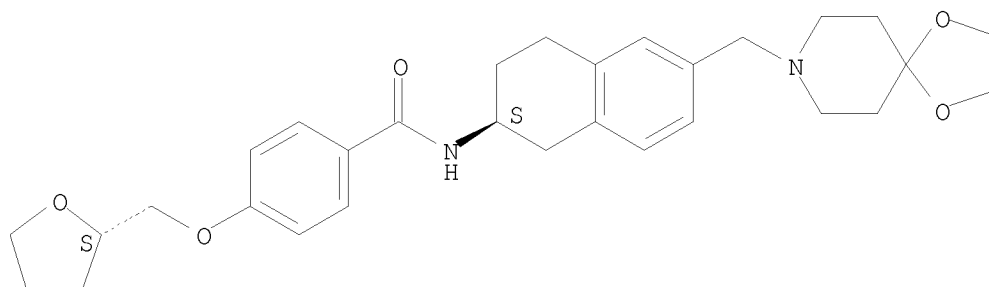


10/513699



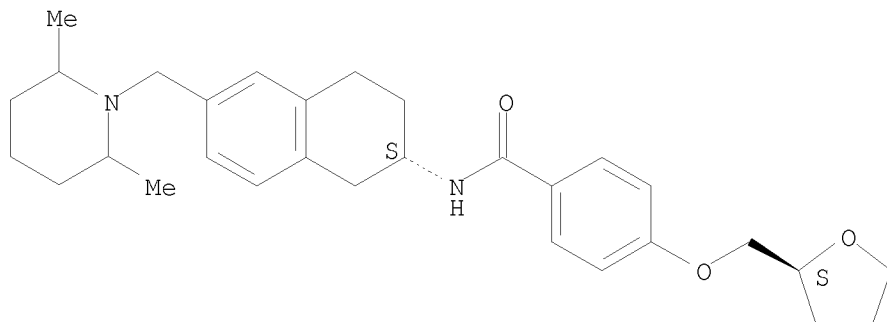
RN 1119019-67-8 CAPLUS  
CN Benzamide, N-[(2S)-6-(1,4-dioxa-8-azaspiro[4.5]dec-8-ylmethyl)-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119019-71-4 CAPLUS  
CN Benzamide, N-[(2S)-6-[(2,6-dimethyl-1-piperidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[[ (2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



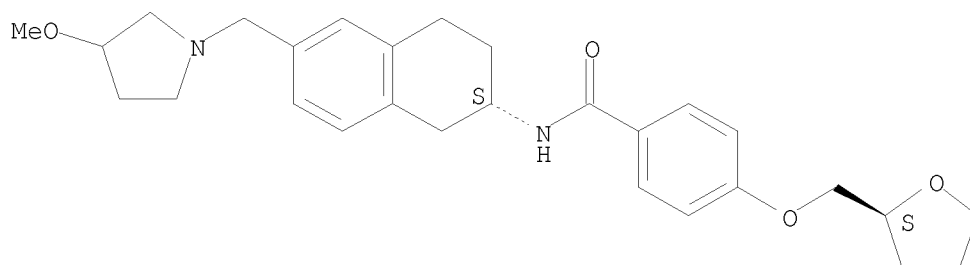
RN 1119019-83-8 CAPLUS  
CN Benzamide, 4-[[ (2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-methoxy-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

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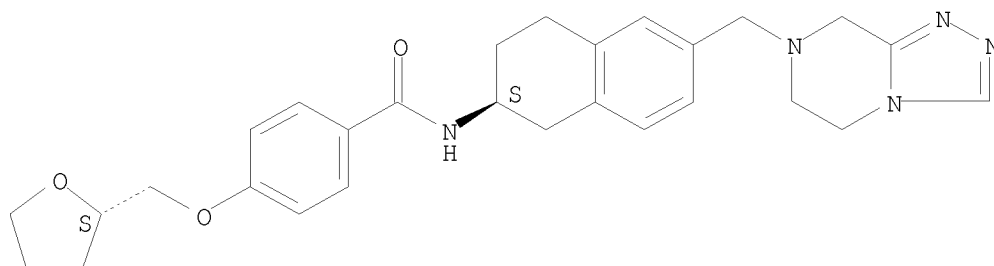
Absolute stereochemistry.



RN 1119019-89-4 CAPLUS

CN Benzamide, N-[(2S)-6-[(5,6-dihydro-1,2,4-triazolo[4,3-a]pyrazin-7(8H)-yl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-[(2S)-tetrahydro-2-furanyl]methoxy]- (CA INDEX NAME)

Absolute stereochemistry.



IT 1119016-66-8P 1119016-68-0P

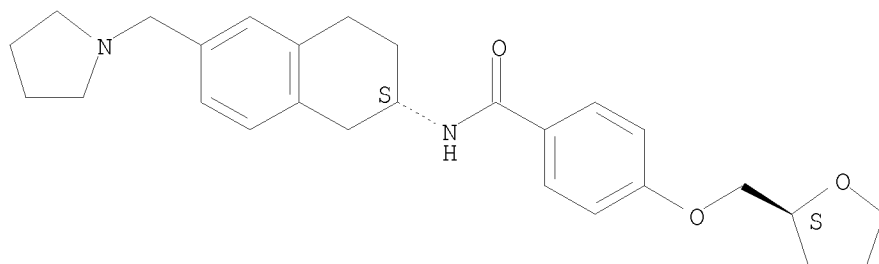
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetrahydronaphthalenes as antidiabetic agents)

RN 1119016-66-8 CAPLUS

CN Benzamide, 4-[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 1119016-68-0 CAPLUS

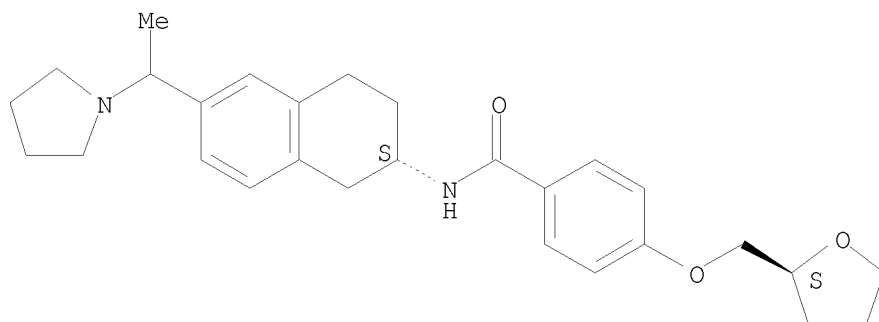
CN Benzamide, 4-[(2S)-tetrahydro-2-furanyl]methoxy]-N-[(2S)-1,2,3,4-tetrahydro-6-[1-(1-pyrrolidinyl)ethyl]-2-naphthalenyl]- (CA INDEX NAME)

<12/04/2007>

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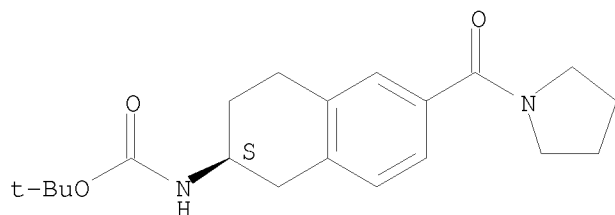
10/513699

Absolute stereochemistry.



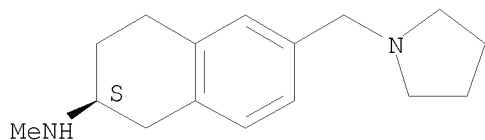
IT 1119020-01-7P 1119020-11-9P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of tetrahydronaphthalenes as antidiabetic agents)  
RN 1119020-01-7 CAPLUS  
CN Carbamic acid, N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylcarbonyl)-2-  
naphthalenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1119020-11-9 CAPLUS  
CN 2-Naphthalenamine, 1,2,3,4-tetrahydro-N-methyl-6-(1-pyrrolidinylmethyl)-,  
(2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
(1 CITINGS)  
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

L17 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1136462 CAPLUS

DOCUMENT NUMBER: 149:515197

TITLE: Syntheses of a Triad of Flt3 Kinase Inhibitors: From Bench to Pilot Plant

AUTHOR(S): Shieh, Wen-Chung; McKenna, Joe; Sciafani, Joseph A.; Xue, Song; Girgis, Michael; Vivello, James; Radetich, Branko; Prasad, Kapa

CORPORATE SOURCE: Chemical and Analytical Development, Novartis Pharmaceuticals Corporation, East Hanover, NJ, 07936, USA

SOURCE: Organic Process Research & Development (2008), 12(6), 1146-1155

CODEN: OPRDFK; ISSN: 1083-6160

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 149:515197

AB We have designed and developed an alternative synthesis for the manufacturing of

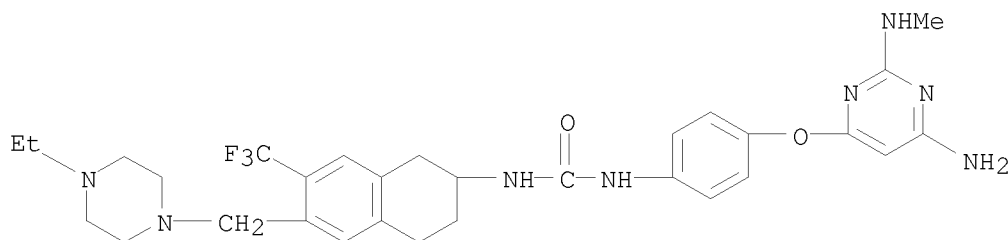
a triad of Flt3 kinase inhibitors (AST487, ATH686, and AUZ454) to support clin. assessments of patients with Flt3-dependent tumor diseases. The new synthesis is convergent, environmentally friendly, practical, and safe and requires no chromatog. purification

IT 1069112-54-4P

RL: IMF (Industrial manufacture); PREP (Preparation)  
(syntheses of triad of Flt3 Kinase inhibitors)

RN 1069112-54-4 CAPLUS

CN Urea, N-[4-[[6-amino-2-(methylamino)-4-pyrimidinyl]oxy]phenyl]-N'-[6-[(4-ethyl-1-piperazinyl)methyl]-1,2,3,4-tetrahydro-7-(trifluoromethyl)-2-naphthalenyl]- (CA INDEX NAME)



REFERENCE COUNT:

16

THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

L17 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:10661 CAPLUS

DOCUMENT NUMBER: 148:100397

TITLE: Preparation of substituted naphthalene amides as melanin concentrating hormone antagonists for disease treatment

INVENTOR(S): Hu, Xiufeng Eric

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA

SOURCE: PCT Int. Appl., 79pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008001160	A1	20080103	WO 2006-IB52069	20060623
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

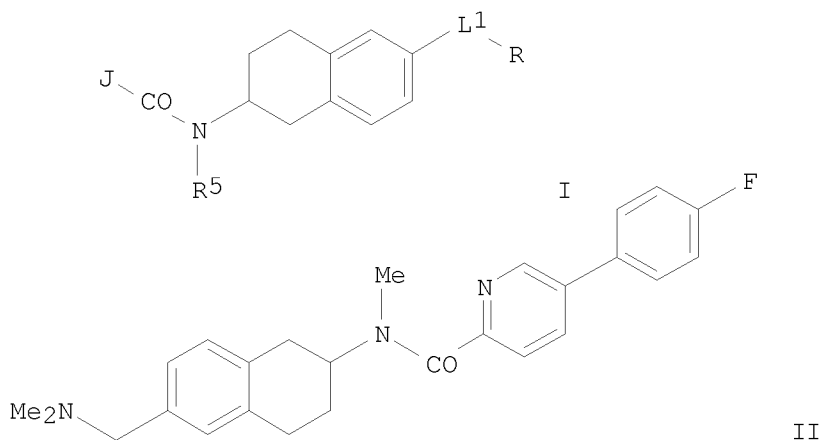
PRIORITY APPLN. INFO.:

WO 2006-IB52069

20060623

OTHER SOURCE(S): CASREACT 148:100397; MARPAT 148:100397

GI



AB The present invention relates to compds. of general formula I (wherein J is a substituted phenylpyridinyl; R is a disubstituted amino; L1 is a

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linking group; R5 is H or Me) capable of serving as moderators of human and mammalian appetite and as such provides a means for reducing body mass. The compds. of the present invention are selective against melanin concentrating hormone and do not have the pernicious side effects resulting from

comps. which interact with other appetite related brain receptors. Synthesis of I is exemplified. Example compound II was prepared by reacting 6-[(dimethylamino)methyl]-N-methyl-1,2,3,4-tetrahydronaphthalen-2-amine (preparation given) and 6-(4-fluorophenyl)nicotinic acid. In an in vitro assay, II has an IC50 of 184nM at the MCH1R receptor.

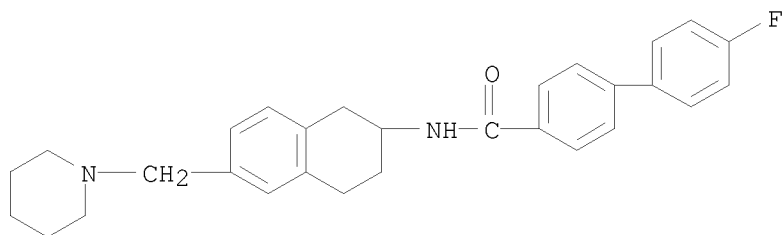
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 1000161-42-1P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of substituted naphthalene amides as melanin concentrating hormone antagonists for disease treatment)

RN 849420-80-0 CAPLUS

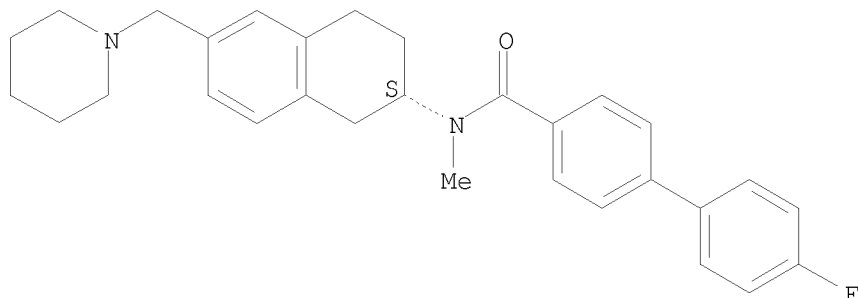
CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 849420-99-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

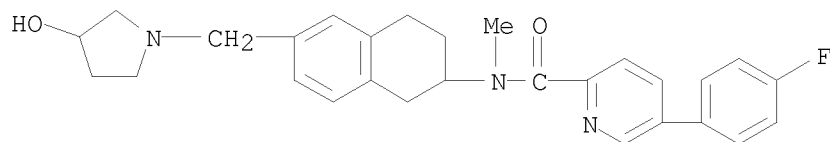
Absolute stereochemistry.



RN 913712-07-9 CAPLUS

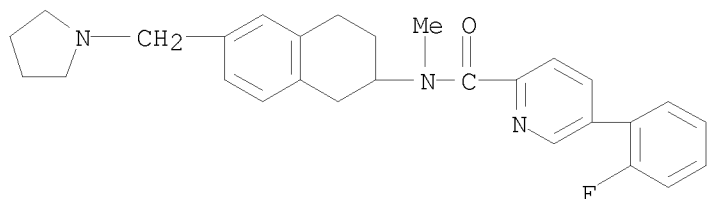
CN 2-Pyridinecarboxamide, 5-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

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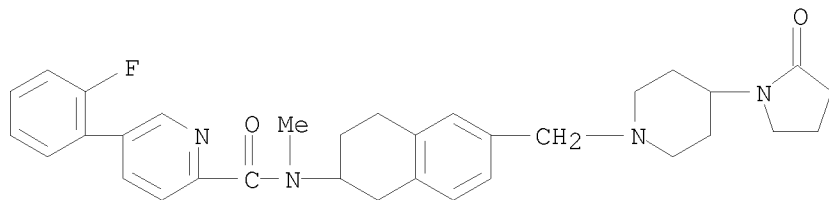
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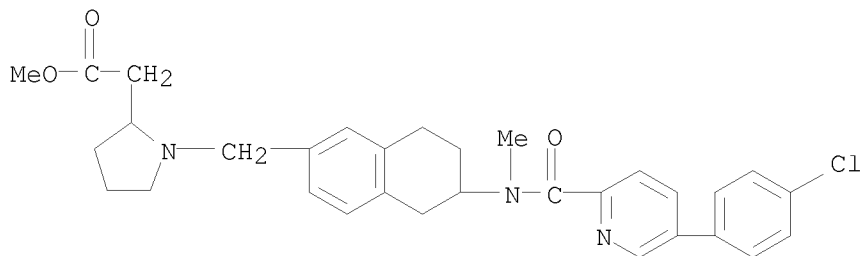
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CN 2-Pyridinecarboxamide, 5-(2-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[[4-(2-oxo-1-pyrrolidinyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)



RN 913712-29-5 CAPLUS

CN 2-Pyrrolidineacetic acid, 1-[[6-[[[5-(4-chlorophenyl)-2-pyridinyl]carbonyl]methylamino]-5,6,7,8-tetrahydro-2-naphthalenyl]methyl]-, methyl ester (CA INDEX NAME)

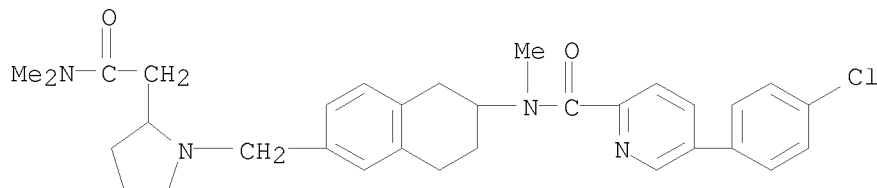


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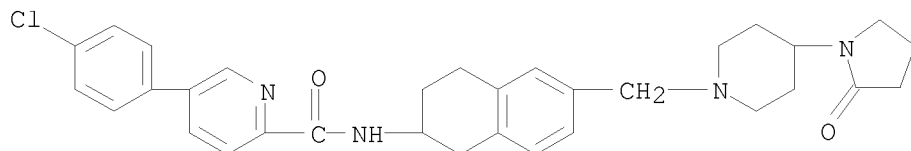
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oxoethyl]-1-pyrrolidinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



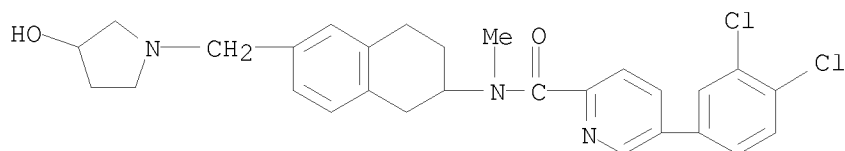
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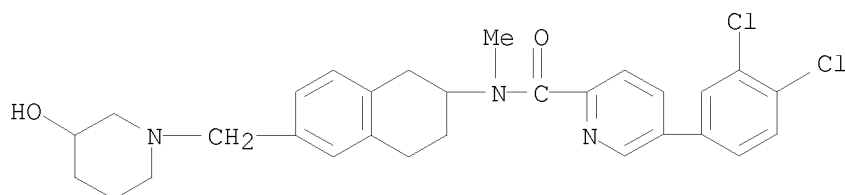
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CN 2-Pyridinecarboxamide, 5-(3,4-dichlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)



RN 913712-33-1 CAPLUS

CN 2-Pyridinecarboxamide, 5-(3,4-dichlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)



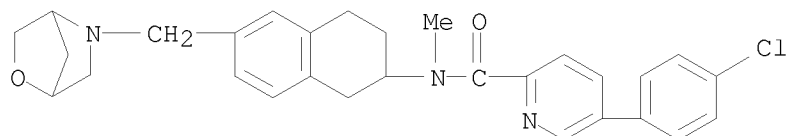
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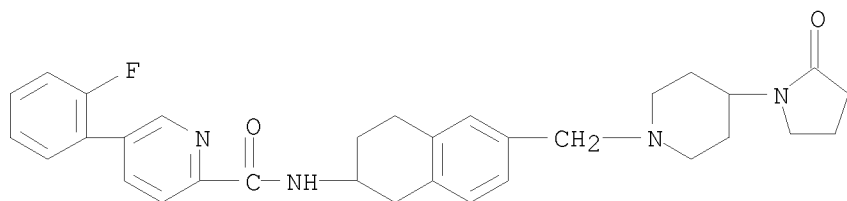
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(2-oxa-5-azabicyclo[2.2.1]hept-5-ylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



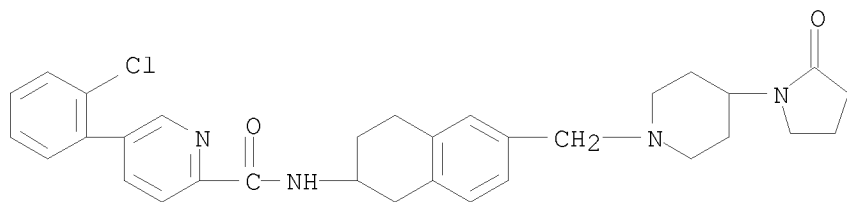
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CN 2-Pyridinecarboxamide, 5-(2-fluorophenyl)-N-[1,2,3,4-tetrahydro-6-[[4-(2-oxo-1-pyrrolidinyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)



RN 1000161-42-1 CAPLUS

CN 2-(2-chlorophenyl)pyridine-5-carboxamide, N-[1,2,3,4-tetrahydro-6-[[4-(2-oxo-1-pyrrolidinyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)



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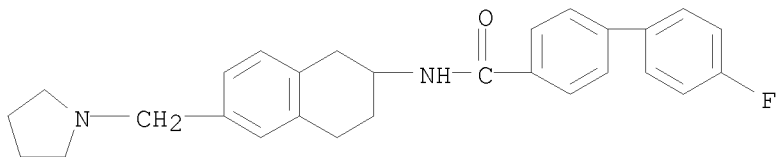
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RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted naphthalene amides as melanin concentrating hormone antagonists for disease treatment)

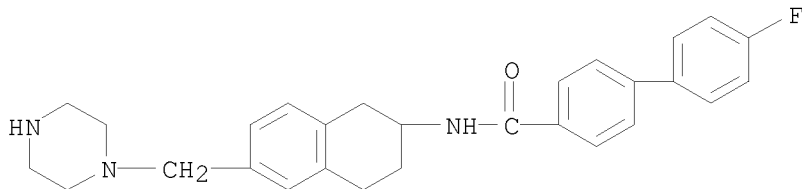
RN 849420-79-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 849420-81-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

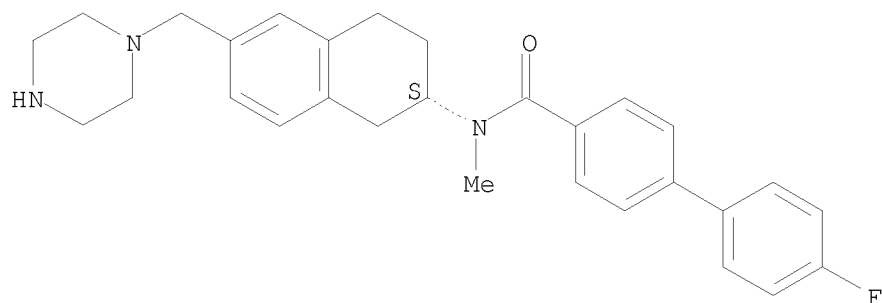


RN 849421-00-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

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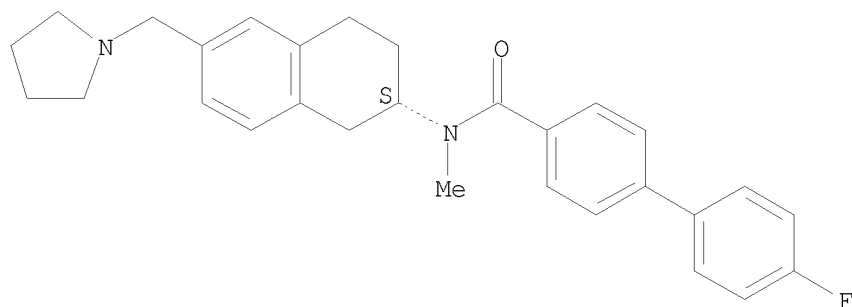
Absolute stereochemistry.



RN 849421-01-8 CAPLUS

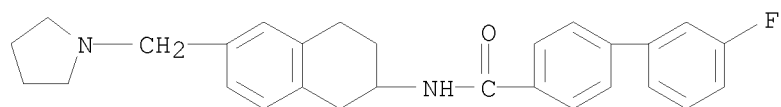
CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



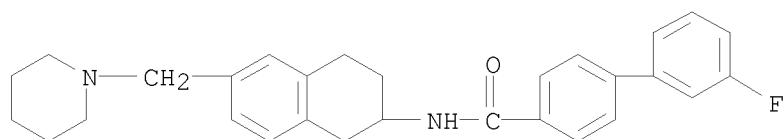
RN 1008378-39-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008378-41-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



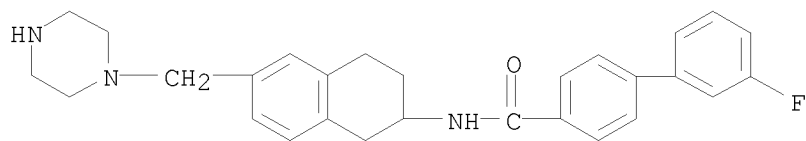
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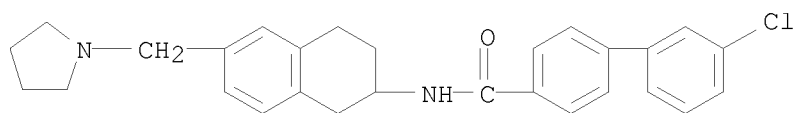
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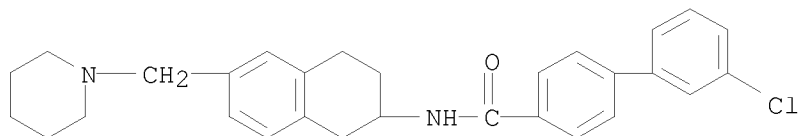
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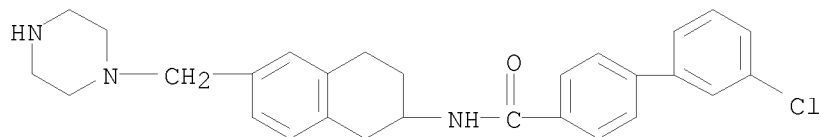
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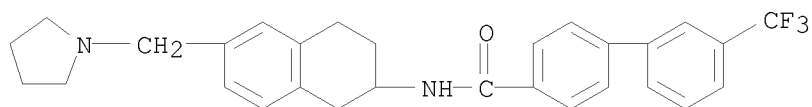
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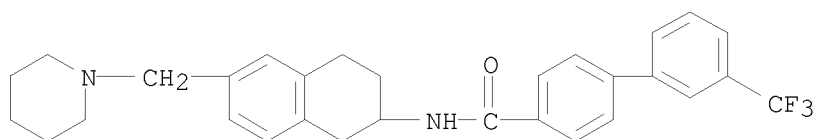
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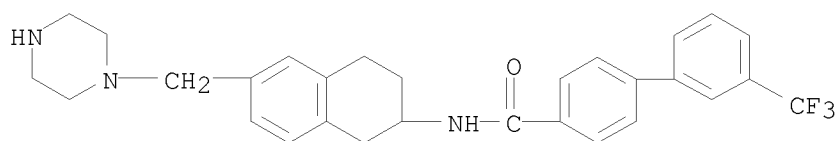
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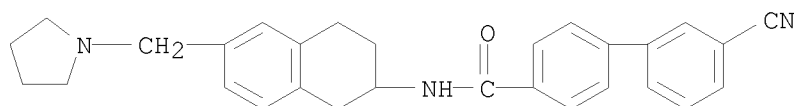
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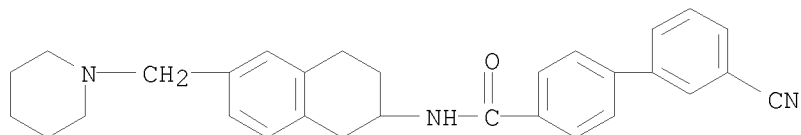
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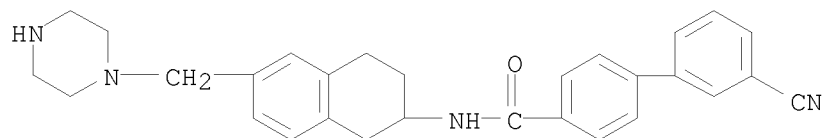


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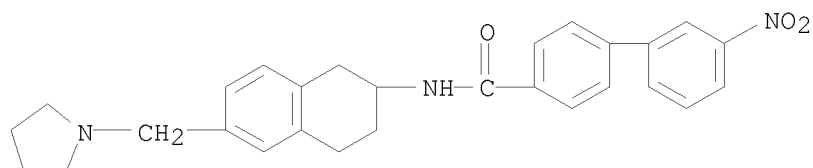
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10/513699



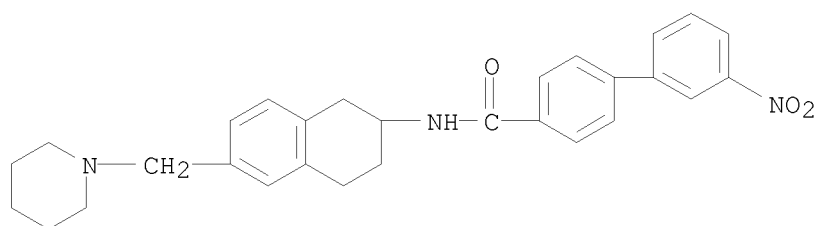
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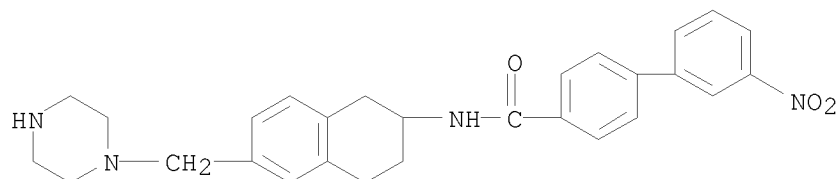
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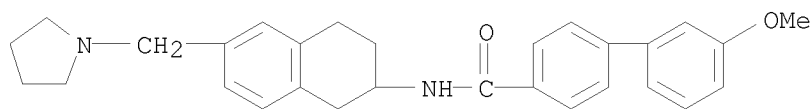
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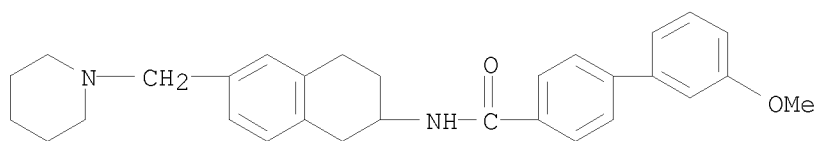
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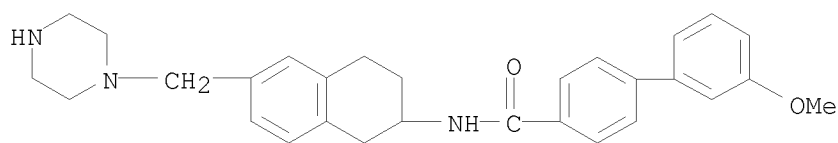
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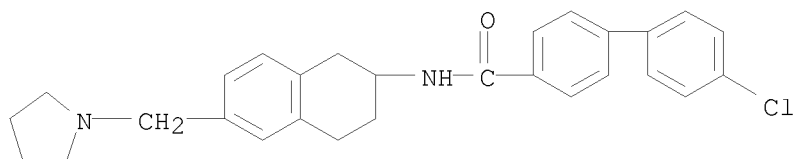
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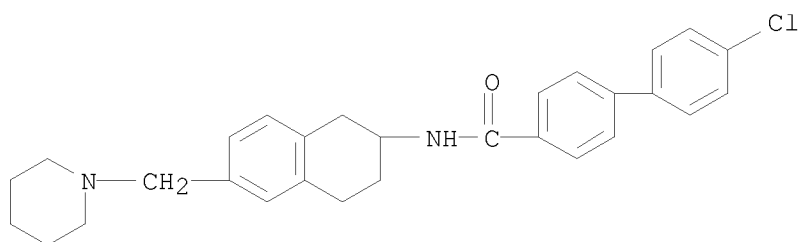
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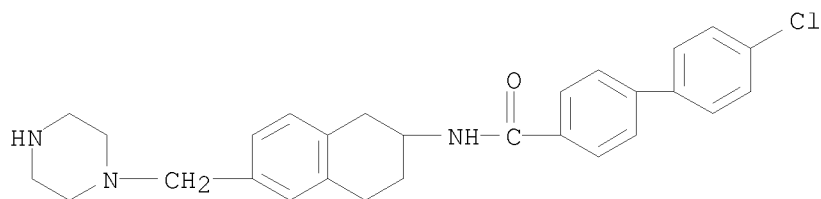
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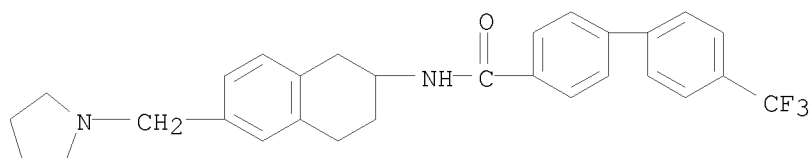
RN 1008379-16-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



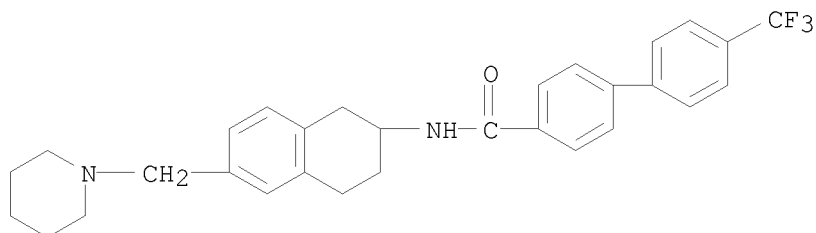
RN 1008379-24-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008379-25-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)

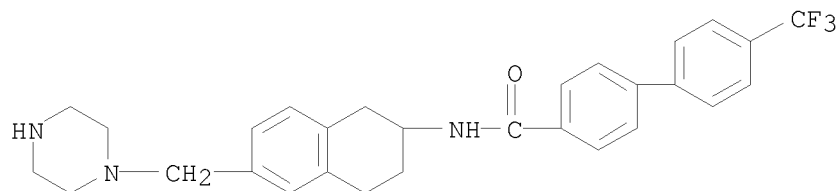


RN 1008379-28-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)

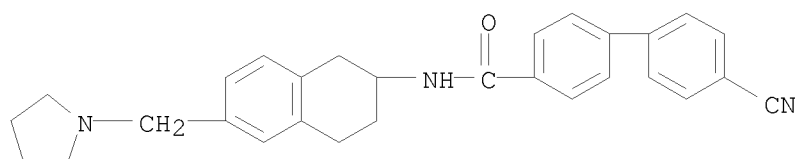


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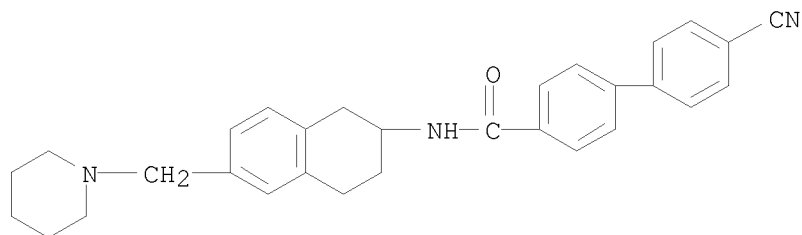
RN 1008379-36-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



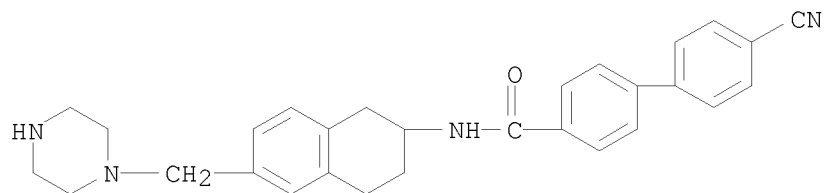
RN 1008379-39-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-40-5 CAPLUS

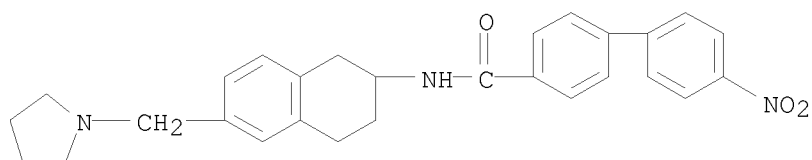
CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-48-3 CAPLUS

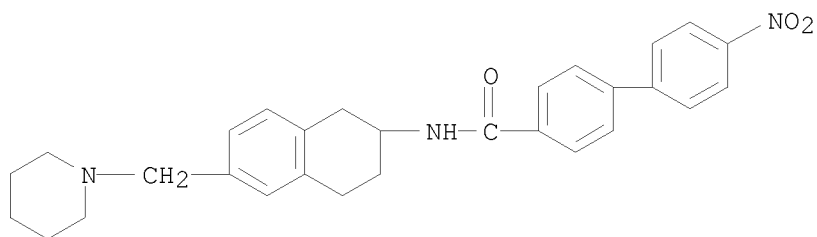
CN [1,1'-Biphenyl]-4-carboxamide, 4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



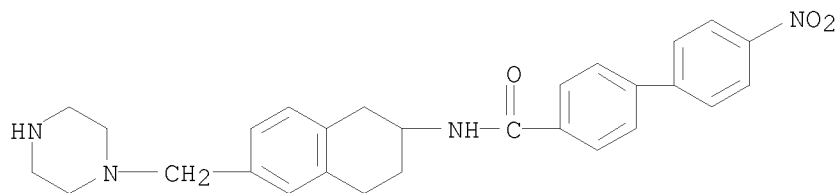
RN 1008379-51-8 CAPLUS

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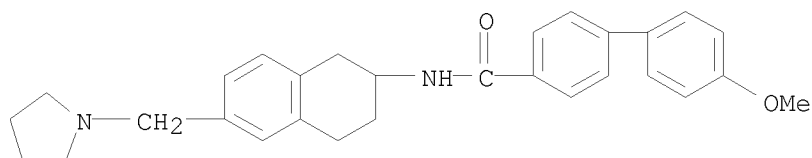
RN 1008379-53-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-60-9 CAPLUS

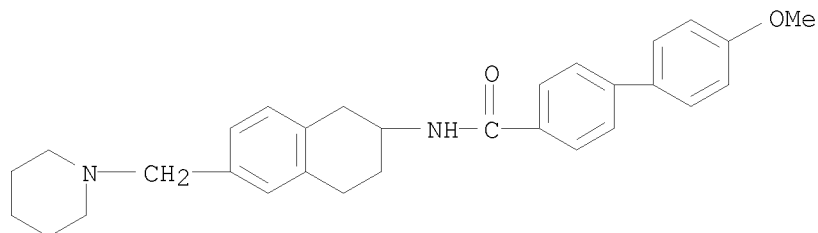
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RN 1008379-62-1 CAPLUS

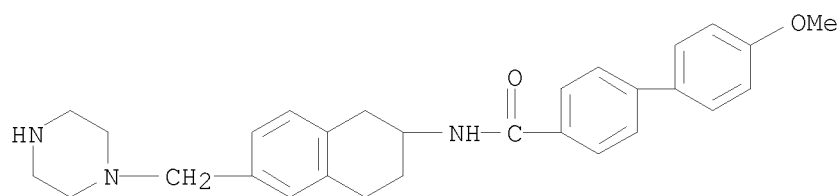
CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



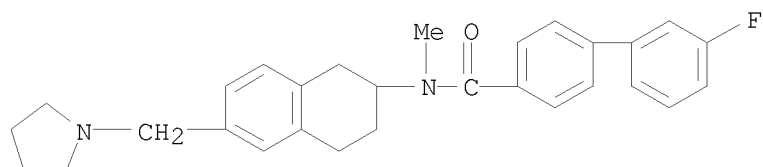
RN 1008379-65-4 CAPLUS

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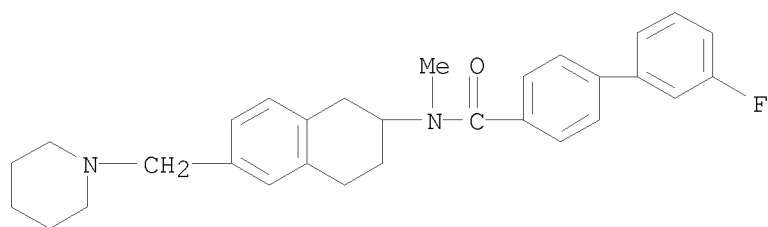
RN 1008381-09-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-12-1 CAPLUS

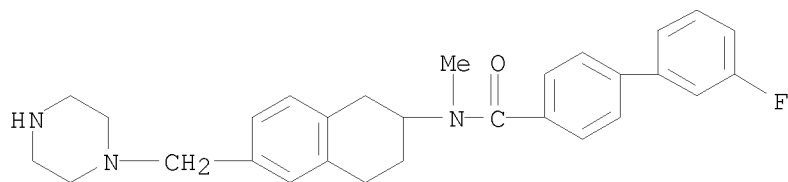
CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-14-3 CAPLUS

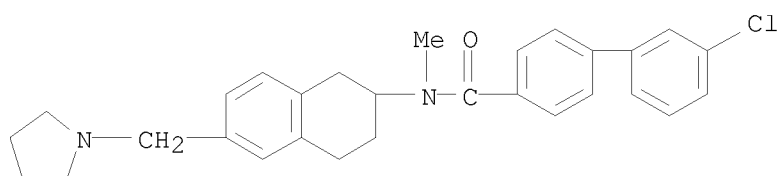
CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



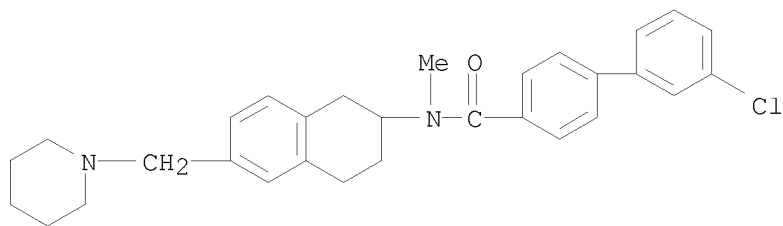
RN 1008381-22-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



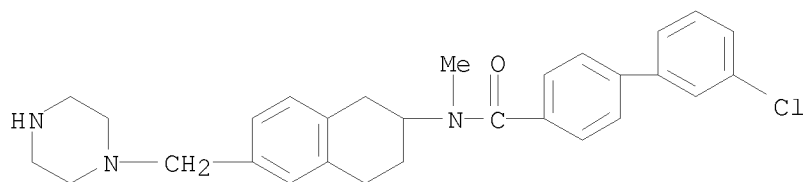
RN 1008381-24-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-26-7 CAPLUS

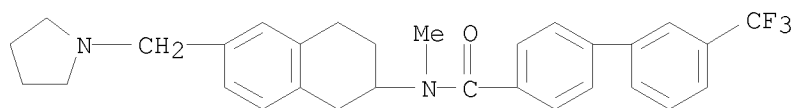
CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-34-7 CAPLUS

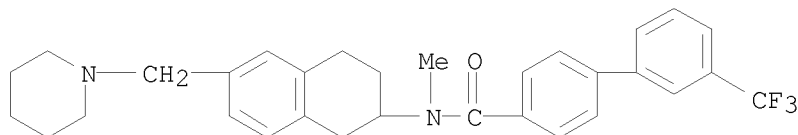
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)

10/513699



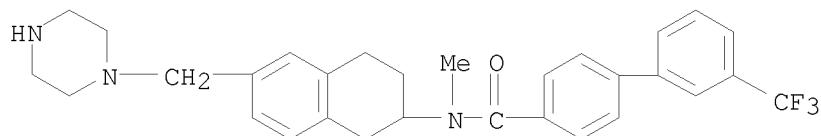
RN 1008381-36-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



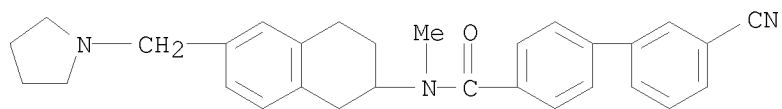
RN 1008381-37-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



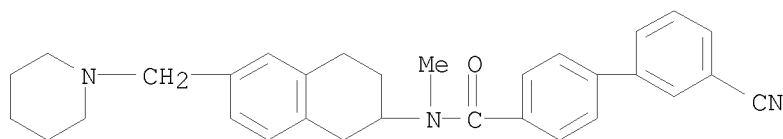
RN 1008381-44-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-45-0 CAPLUS

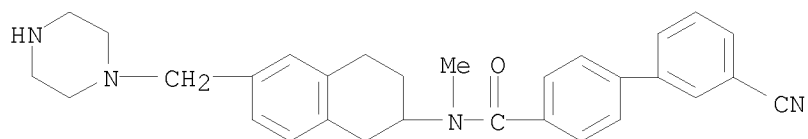
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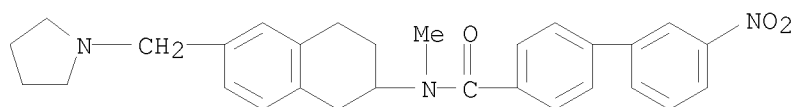
RN 1008381-48-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

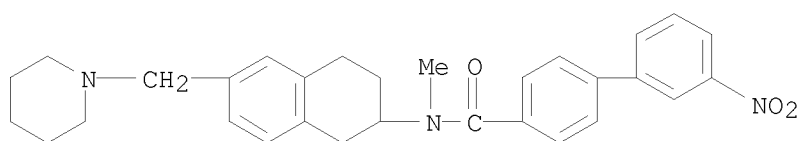
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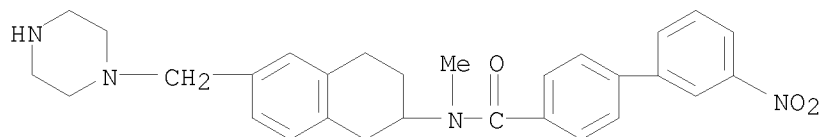
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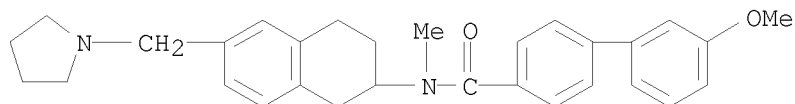
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CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-58-5 CAPLUS  
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

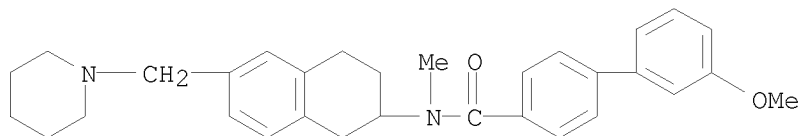


RN 1008381-67-6 CAPLUS  
CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



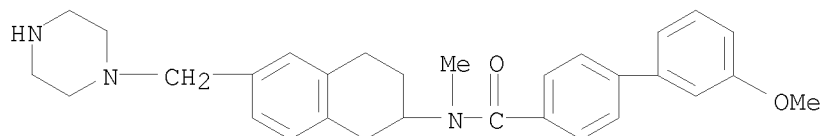
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CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



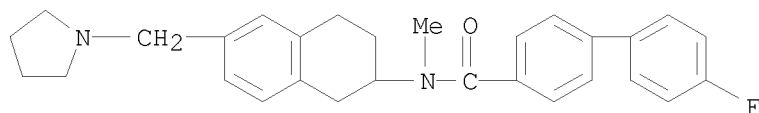
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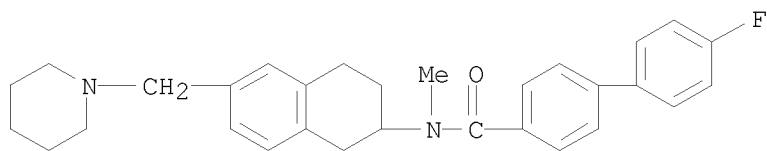
RN 1008381-78-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



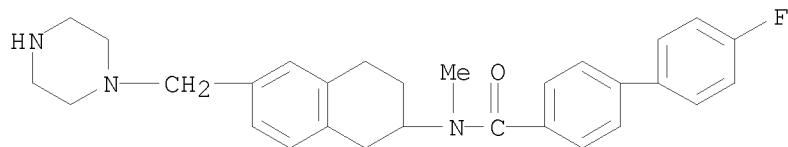
RN 1008381-80-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidynylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-82-5 CAPLUS

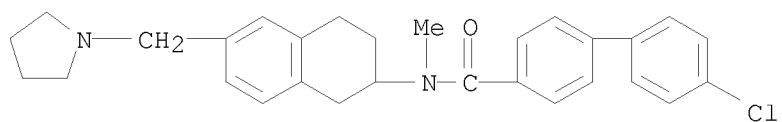
CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-91-6 CAPLUS

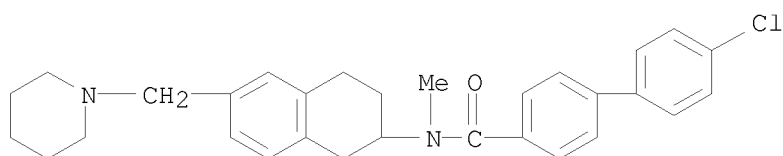
10/513699

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



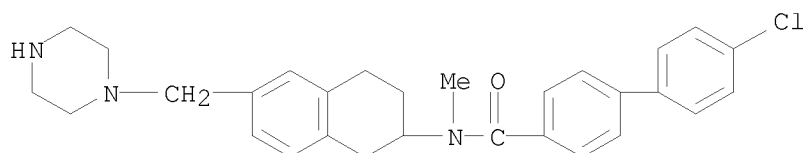
RN 1008381-92-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



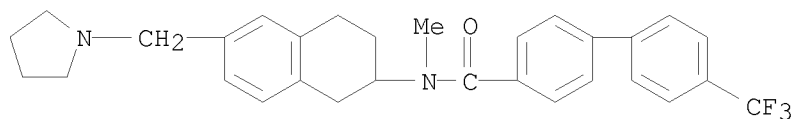
RN 1008381-95-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-02-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008382-04-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)

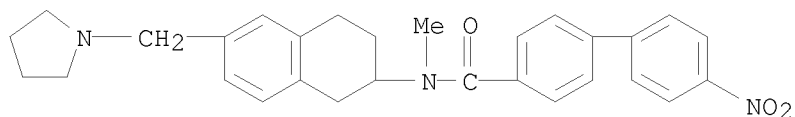


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Erich Leese

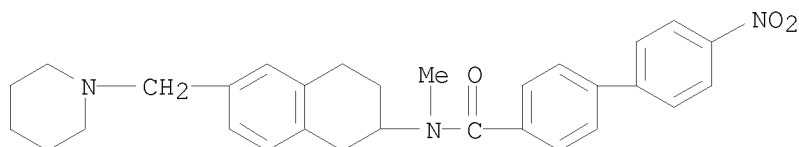
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(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



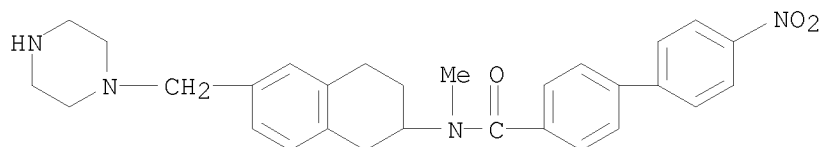
RN 1008382-26-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



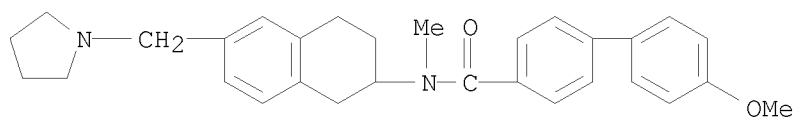
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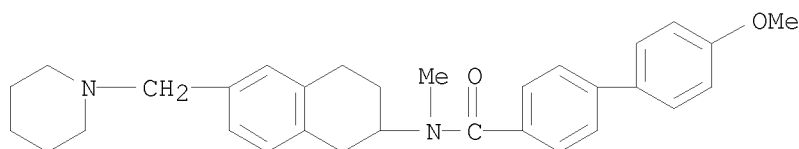
RN 1008382-35-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-38-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



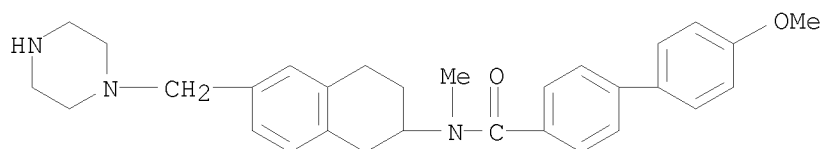
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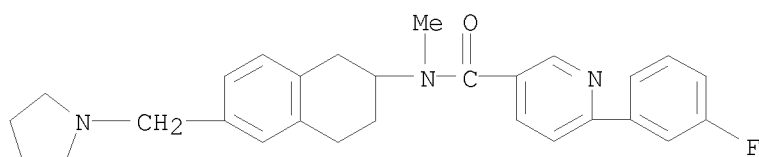
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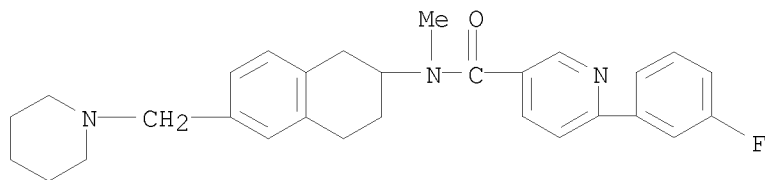
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CN 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



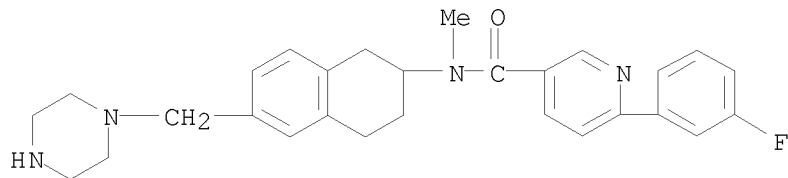
RN 1008383-89-8 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008383-91-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

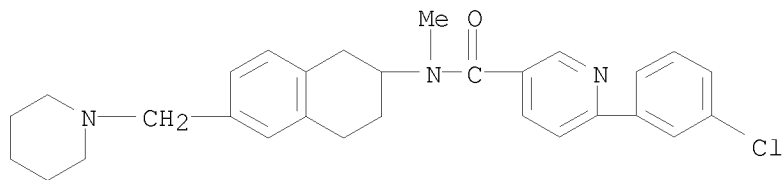


RN 1008383-99-0 CAPLUS

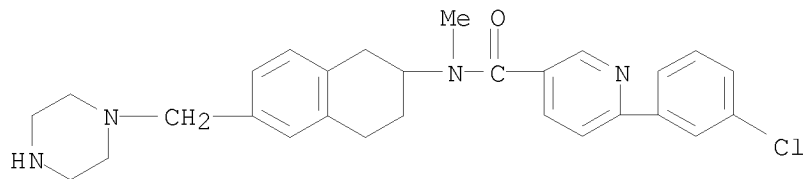
CN 3-Pyridinecarboxamide, 6-(3-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

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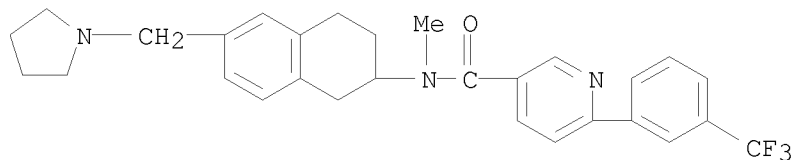
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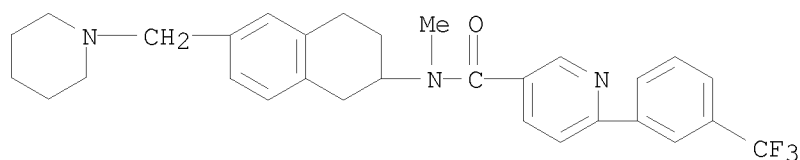


CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



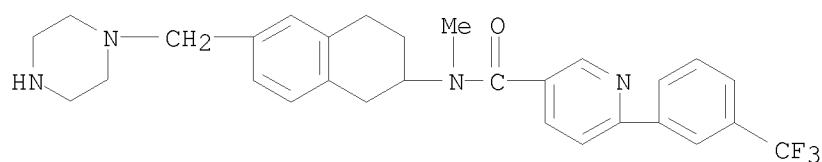
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10/513699



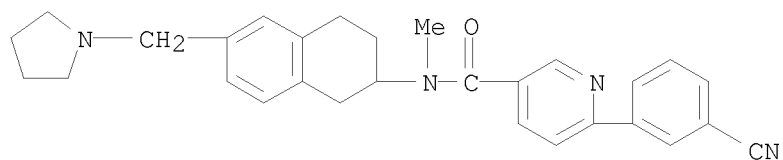
RN 1008384-14-2 CAPLUS

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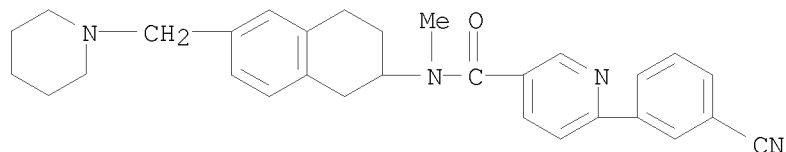
RN 1008384-22-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-24-4 CAPLUS

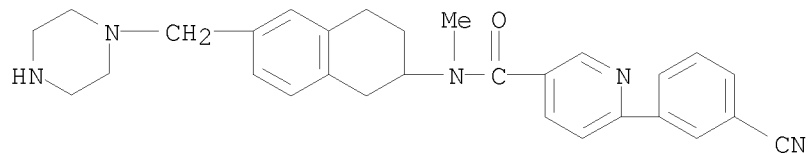
CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-26-6 CAPLUS

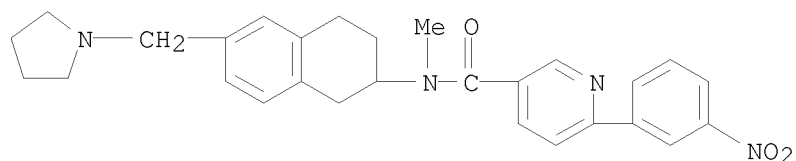
CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



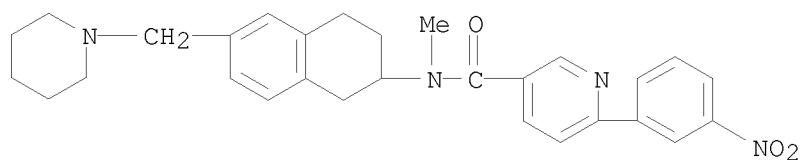
RN 1008384-33-5 CAPLUS

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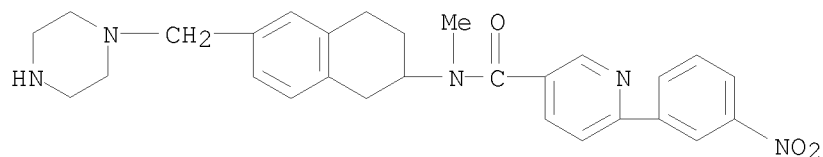
RN 1008384-34-6 CAPLUS

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RN 1008384-35-7 CAPLUS

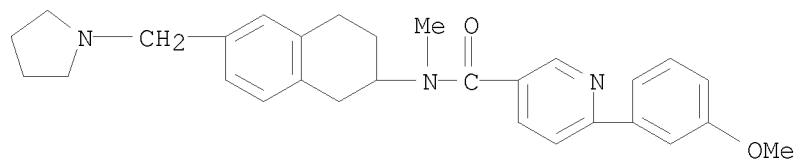
CN 3-Pyridinecarboxamide, N-methyl-6-(3-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-43-7 CAPLUS

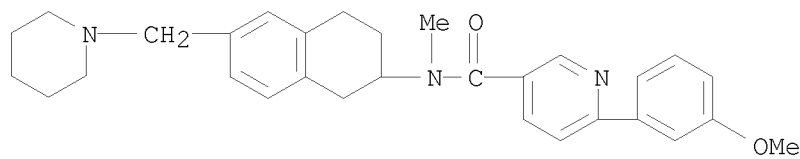
CN 3-Pyridinecarboxamide, 6-(3-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



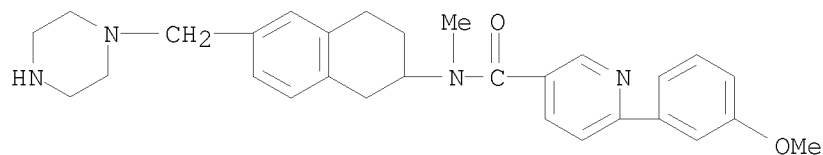
RN 1008384-45-9 CAPLUS

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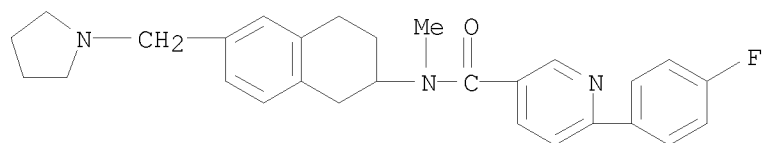
RN 1008384-48-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



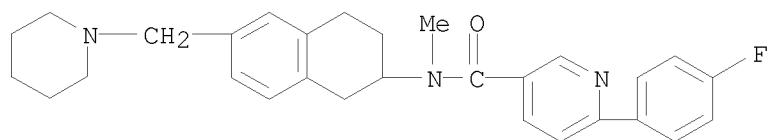
RN 1008384-56-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-57-3 CAPLUS

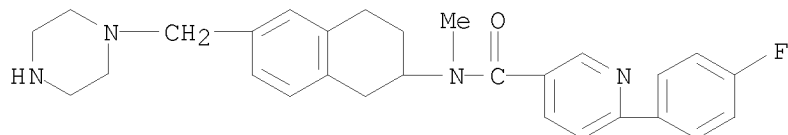
CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



10/513699

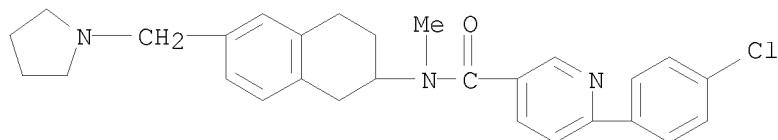
RN 1008384-60-8 CAPLUS

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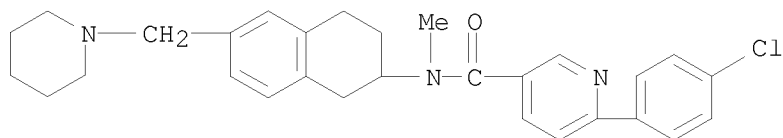
RN 1008384-67-5 CAPLUS

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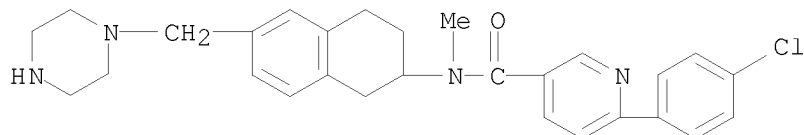
RN 1008384-69-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-72-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

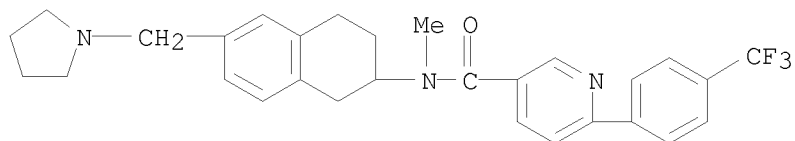


RN 1008384-78-8 CAPLUS

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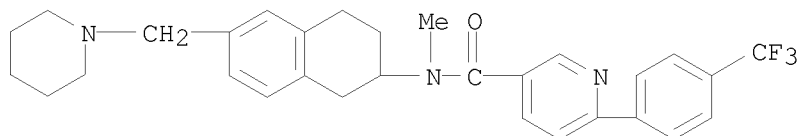


10/513699



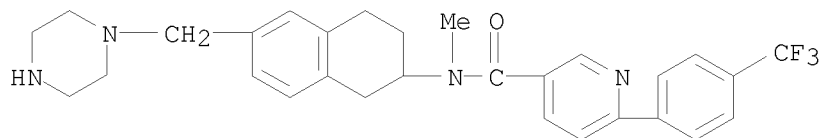
RN 1008384-81-3 CAPLUS

CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



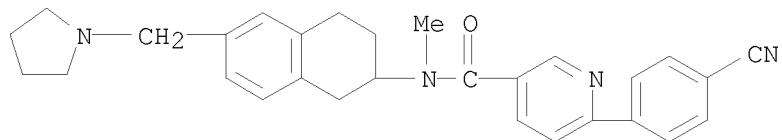
RN 1008384-82-4 CAPLUS

CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



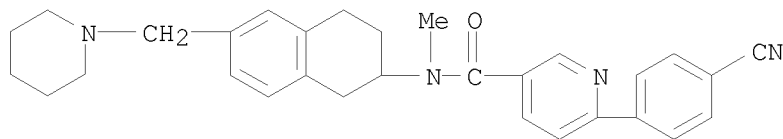
RN 1008384-90-4 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-91-5 CAPLUS

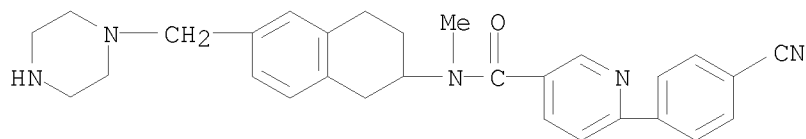
CN 3-Pyridinecarboxamide, 6-(4-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



10/513699

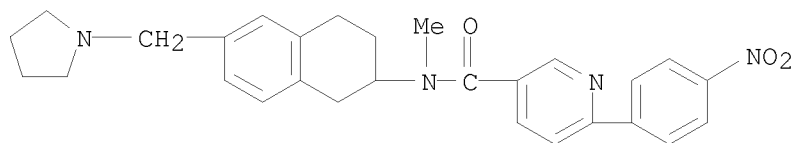
RN 1008384-94-8 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



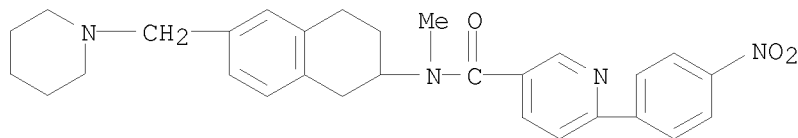
RN 1008385-01-0 CAPLUS

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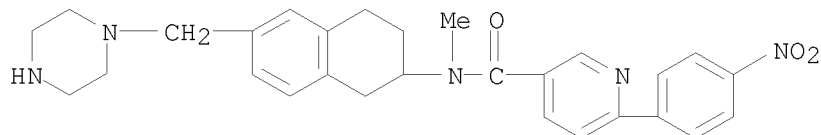
RN 1008385-02-1 CAPLUS

CN 3-Pyridinecarboxamide, N-methyl-6-(4-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008385-05-4 CAPLUS

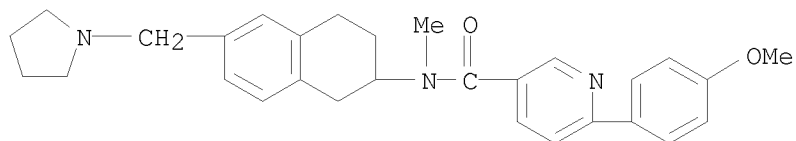
CN 3-Pyridinecarboxamide, N-methyl-6-(4-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008385-13-4 CAPLUS

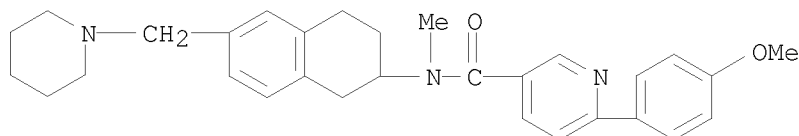
CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



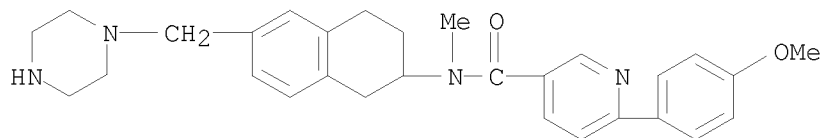
RN 1008385-14-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008385-16-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

DOCUMENT NUMBER: 146:243251

AUTHOR(S): D'Amico, Derin C.; Aya, Toshi; Human, Jason; Fotsch, Christopher; Chen, Jian Jeffrey; Biswas, Kaustav; Riahi, Bobby; Norman, Mark H.; Willoughby, Christopher A.; Hungate, Randall; Reider, Paul J.; Biddlecome, Gloria; Lester-Zeiner, Dianna; Van Staden, Carlo; Johnson, Eileen; Kamassah, Augustus; Arik, Leyla; Wang, Judy; Viswanadhan, Vellarkad N.; Groneberg, Robert D.; Zhan, James; Suzuki, Hideo; Toro, Andras; Mareska, David A.; Clarke, David E.; Harvey, Darren M.; Burgess, Laurence E.; Laird, Ellen R.; Askew, Benny; Ng, Gordon

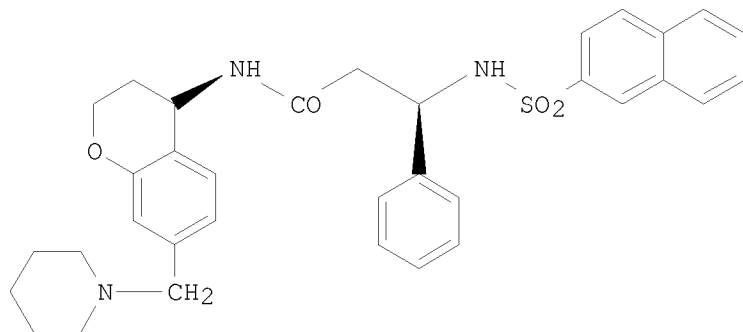
SOURCE: Journal of Medicinal Chemistry (2007), 50(4), 607-610  
CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S) : CASREACT 146:243251

GI



AB We report the discovery of chroman 28 (I), a potent and selective antagonist of human, nonhuman primate, rat, and rabbit bradykinin B1 receptors (0.4-17 nM). At 90 mg/kg s.c., 28 decreased plasma extravasation in two rodent models of inflammation. A novel method to calculate entropy is introduced and ascribed .apprx.30% of the gained affinity between "flexible" 4 ( $K_i = 132$  nM) and "rigid" 28 ( $K_i = 0.77$  nM) to decreased conformational entropy.

IT 784202-90-0

<12/04/2007>

Erich Leese

10/513699

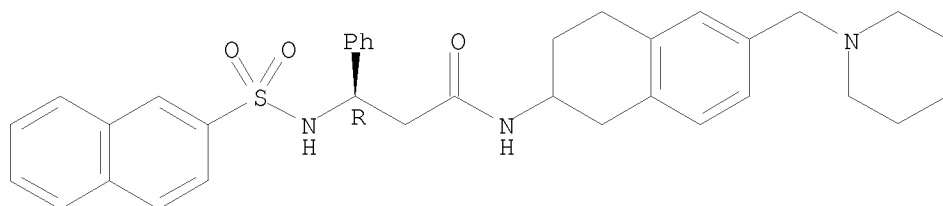
(Biological study); USES (Uses)

(nonpeptidic antagonists of bradykinin B1 receptors)

RN 784202-90-0 CAPLUS

CN Benzenepropanamide,  $\beta$ -[(2-naphthalenylsulfonyl)amino]-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, ( $\beta$ R)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:81267 CAPLUS

DOCUMENT NUMBER: 146:220150

TITLE: Aminomethyl tetrahydronaphthalene biphenyl carboxamide  
MCH-R1 antagonists-Increasing selectivity over hERGAUTHOR(S): Meyers, Kenneth M.; Kim, Nicholas; Mendez-Andino, Jose  
L.; Hu, X. Eric; Mumin, Rashid N.; Klopfenstein, Sean  
R.; Wos, John A.; Mitchell, Maria C.; Paris, Jennifer  
L.; Ackley, David C.; Holbert, Jerry K.; Mittelstadt,  
Scott W.; Reizes, OferCORPORATE SOURCE: Procter & Gamble Pharmaceuticals, Mason, OH, 45039,  
USASOURCE: Bioorganic & Medicinal Chemistry Letters (2007),  
17(3), 814-818

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

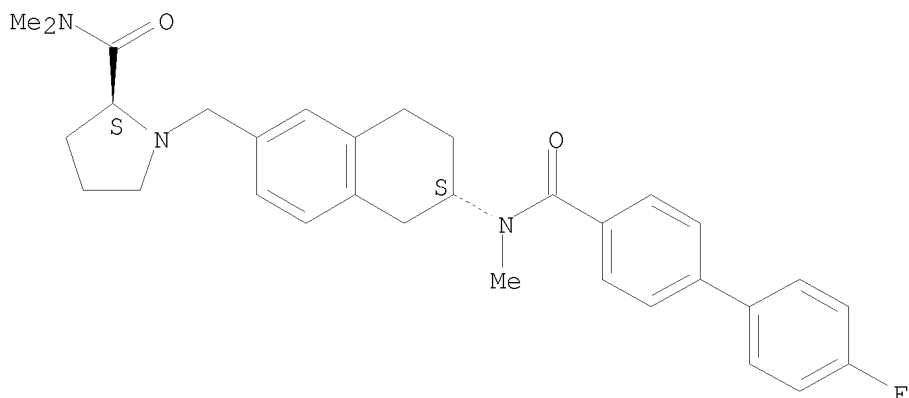
OTHER SOURCE(S): CASREACT 146:220150

AB Aminomethyl tetrahydronaphthalene biphenyl carboxamide MCH-R1 antagonists  
with greater selectivity over hERG were identified. SAR studies  
addressing two distinct alternatives for structural modifications leading  
to improve hERG selectivity are described.IT 925243-40-9P 925243-49-8P 925243-53-4P  
925243-56-7P 925243-61-4P 925243-65-8P  
925243-72-7PRL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)(aminomethyl tetrahydronaphthalene biphenyl carboxamide MCH-R1  
antagonists)

RN 925243-40-9 CAPLUS

CN 2-Pyrrolidinecarboxamide, 1-[[[(6S)-6-[[[(4'-fluoro[1,1'-biphenyl]-4-  
yl)carbonyl]methylamino]-5,6,7,8-tetrahydro-2-naphthalenyl]methyl]-N,N-  
dimethyl-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



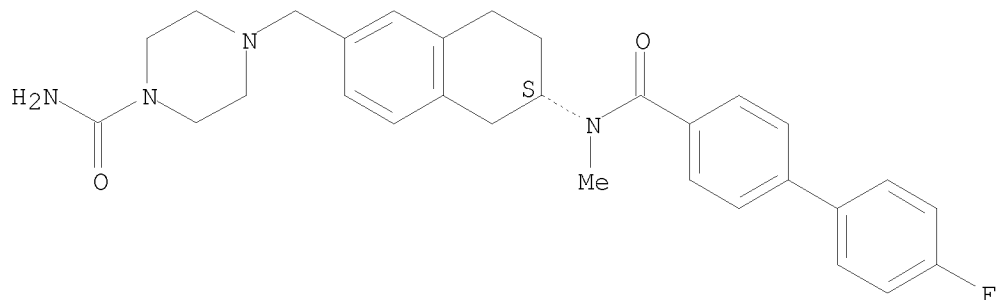
RN 925243-49-8 CAPLUS

CN 1-Piperazinecarboxamide, 4-[[[(6S)-6-[[[(4'-fluoro[1,1'-biphenyl]-4-  
yl)carbonyl]methylamino]-5,6,7,8-tetrahydro-2-naphthalenyl]methyl]- (CA

10/513699

INDEX NAME)

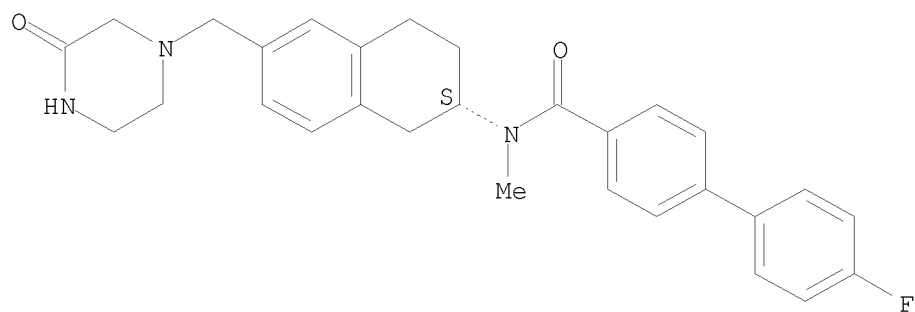
Absolute stereochemistry.



RN 925243-53-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-oxo-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

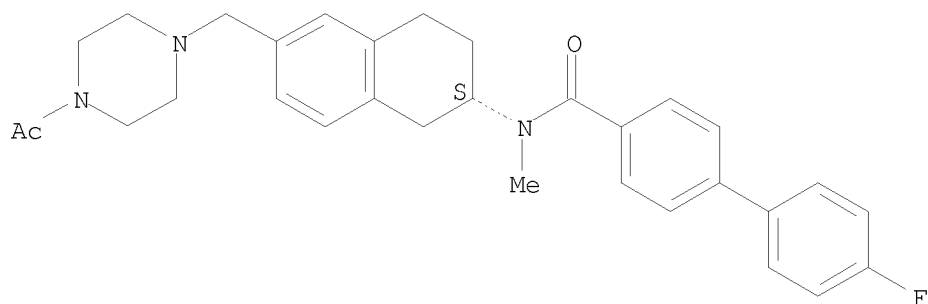
Absolute stereochemistry.



RN 925243-56-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[(2S)-6-[(4-acetyl-1-piperazinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4'-fluoro-N-methyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 925243-61-4 CAPLUS

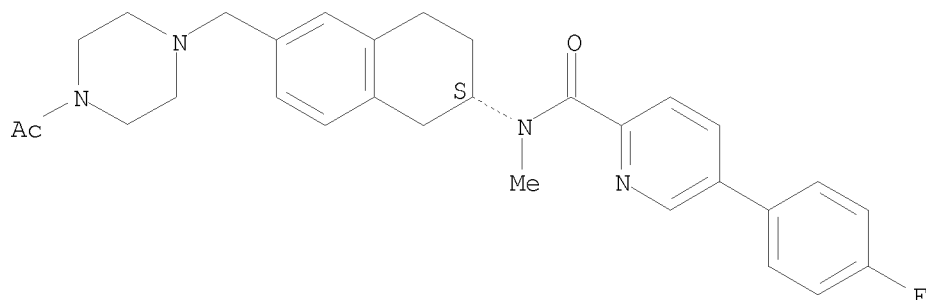
<12/04/2007>

Erich Leese

10/513699

CN 2-Pyridinecarboxamide, N-[(2S)-6-[(4-acetyl-1-piperazinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-5-(4-fluorophenyl)-N-methyl- (CA INDEX NAME)

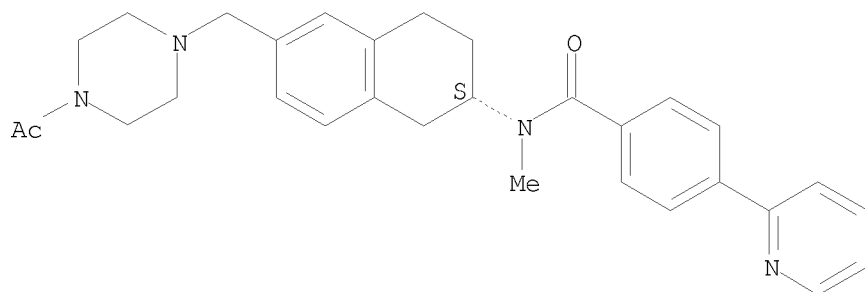
Absolute stereochemistry.



RN 925243-65-8 CAPLUS

CN Benzamide, N-[(2S)-6-[(4-acetyl-1-piperazinyl)methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl-4-(2-pyridinyl)- (CA INDEX NAME)

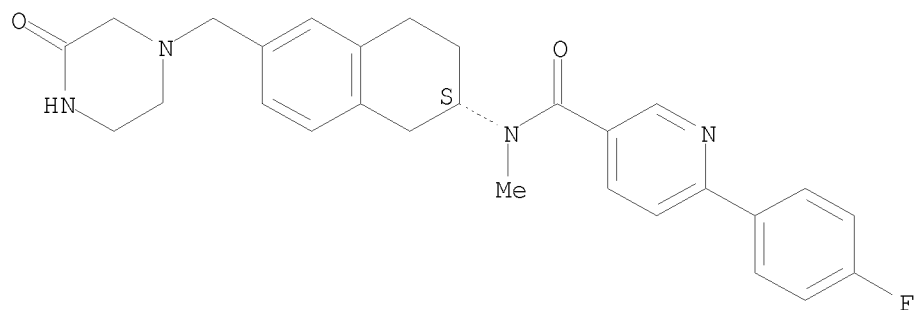
Absolute stereochemistry.



RN 925243-72-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-[(3-oxo-1-piperazinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD

<12/04/2007>

Erich Leese



10/513699

REFERENCE COUNT: 24 (5 CITINGS)  
THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

L17 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:1150652 CAPLUS

DOCUMENT NUMBER: 145:471262

TITLE: Biarylcarboxamide as melanin concentrating hormone antagonists and their preparation, pharmaceutical compositions and use in the treatment of melanin concentrating hormone related diseases

INVENTOR(S): Hu, Xiufeng Eric

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 29pp., Cont.-in-part of U.S. Ser. No. 949,841.

CODEN: USXXCO

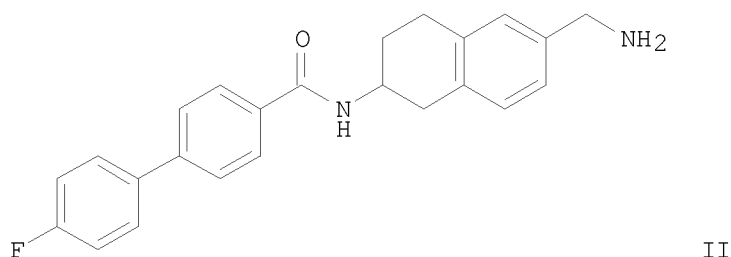
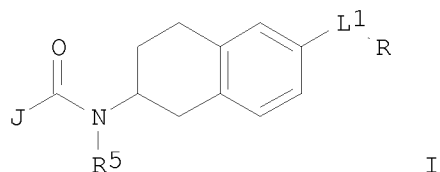
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20060247239	A1	20061102	US 2006-473478	20060623
US 20050075324	A1	20050407	US 2004-949841	20040924
US 7304065	B2	20071204		
AU 2004278352	A1	20050414	AU 2004-278352	20040924
AU 2004278352	B2	20081030		
CA 2540826	A1	20050414	CA 2004-2540826	20040924
EP 1667958	A2	20060614	EP 2004-789086	20040924
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004015051	A	20061128	BR 2004-15051	20040924
JP 2007508303	T	20070405	JP 2006-533994	20040924
CN 101068773	A	20071107	CN 2004-80028448	20040924
IN 2006DN01624	A	20070817	IN 2006-DN1624	20060324
ZA 2006002499	A	20070328	ZA 2006-2499	20060327
KR 2006060047	A	20060602	KR 2006-706228	20060330
MX 2006003654	A	20060605	MX 2006-3654	20060331
NO 2006001953	A	20060613	NO 2006-1953	20060502
PRIORITY APPLN. INFO.:			US 2003-507773P	P 20031001
			US 2004-536640P	P 20040115
			US 2004-949841	A2 20040924
			WO 2004-US31631	W 20040924
OTHER SOURCE(S):			CASREACT 145:471262; MARPAT 145:471262	
GI				



AB The invention relates to compds. of formula I, which are capable of serving as moderators of human and mammalian appetite and as such provides a means for reducing body mass. The compds. of the invention are selective against melanin concentrating hormone and do not have the pernicious side effects resulting from compds. which interact with other appetite related brain receptors. Compds. of formula I wherein H is (un)substituted phenylpyridinyl; R is NH<sub>2</sub> and derivs.; L 1 is CH<sub>2</sub>, CH(CH<sub>3</sub>), and C(CH<sub>3</sub>)<sub>2</sub>; R<sub>5</sub> is H and Me; and their enantiomers, diastereoisomers, and pharmaceutically acceptable salts thereof are claimed. Example compound II was prepared by amidation of 4'-fluorophenyl-4-benzoic acid with 6-bromo-1,2,3,4-tetrahydronaphthalen-2-ylamine trifluoroacetate; the resulting 4'-fluorobiphenyl-4-carboxylic acid (6-bromo-1,2,3,4-tetrahydronaphthalen-2-yl) amide underwent substitution to give 4'-fluorobiphenyl-4-carboxylic acid (6-cyano-1,2,3,4-tetrahydronaphthalen-2-yl) amide, which underwent reduction to give compound II. All the invention compds. were evaluated for their MCH1R and 5-HT<sub>2c</sub> receptor binding affinities (data given).

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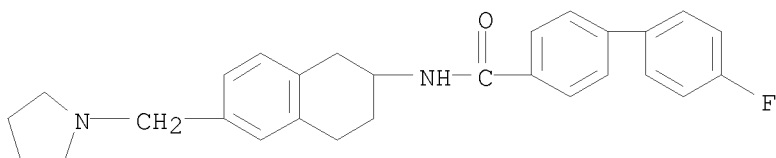
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RL: PRPH (Prophetic)

(Biarylcarboxamide as melanin concentrating hormone antagonists and their preparation, pharmaceutical compositions and use in the treatment of melanin concentrating hormone related diseases)

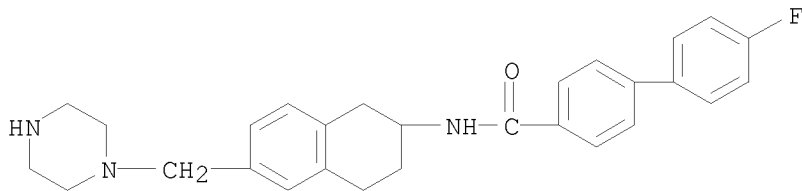
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CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 849420-81-1 CAPLUS

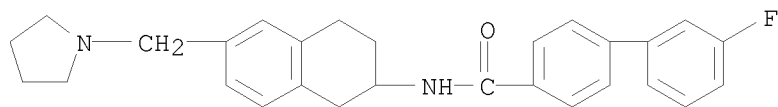
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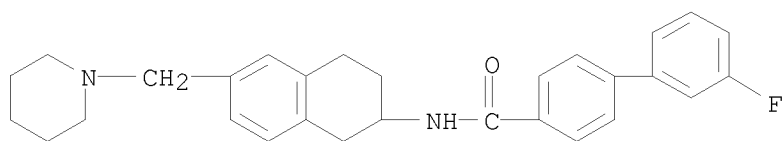
CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



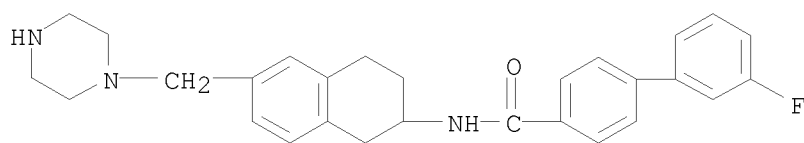
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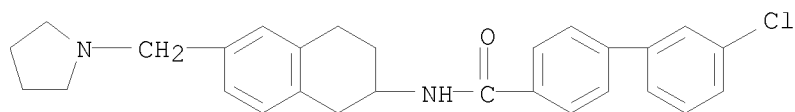
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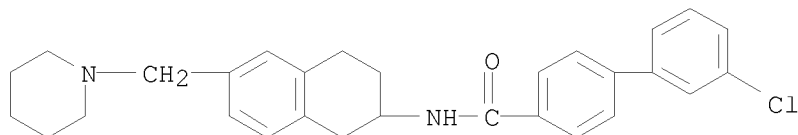
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RN 1008378-52-6 CAPLUS

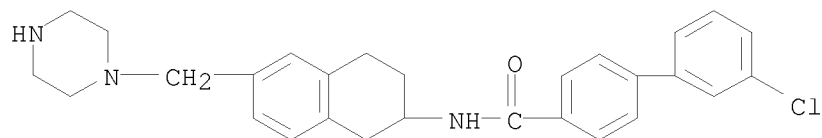
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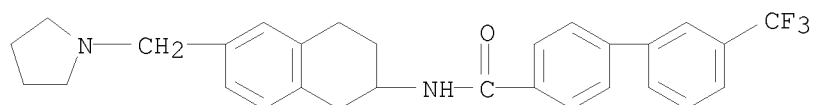
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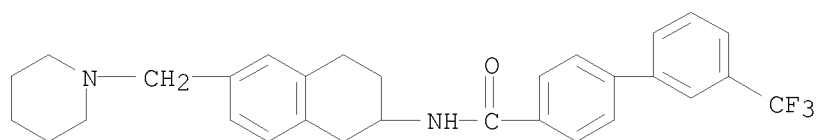
RN 1008378-60-6 CAPLUS

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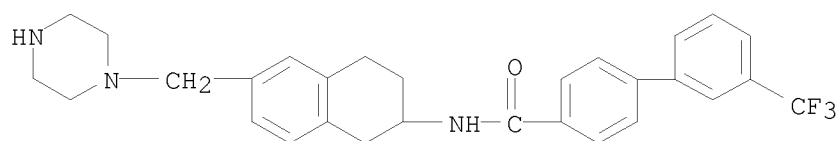
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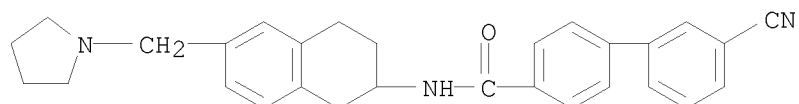
RN 1008378-66-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008378-73-1 CAPLUS

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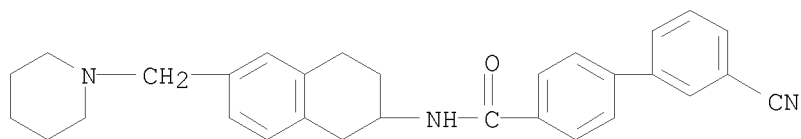


RN 1008378-75-3 CAPLUS

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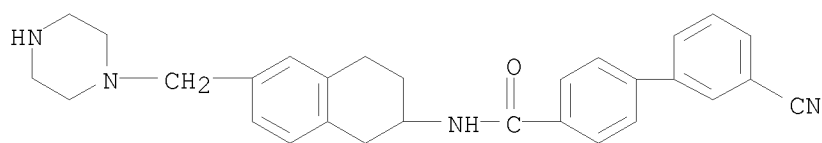
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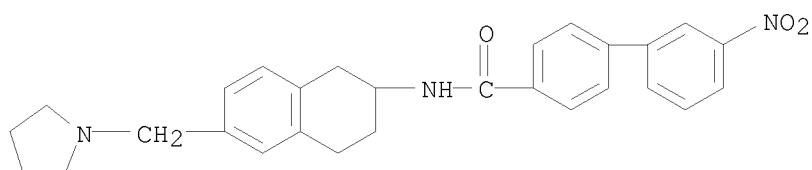
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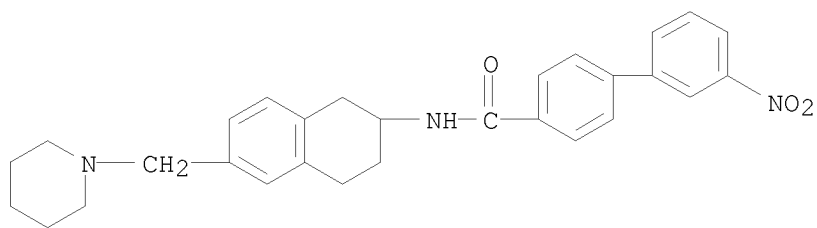
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RN 1008378-86-6 CAPLUS

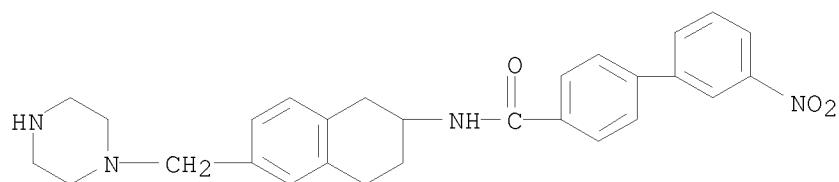
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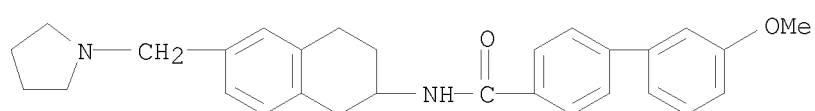
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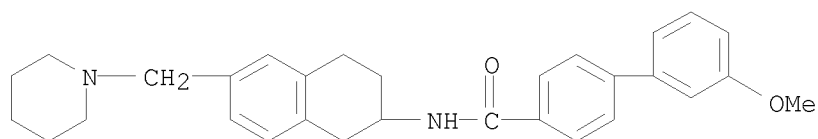
RN 1008378-96-8 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



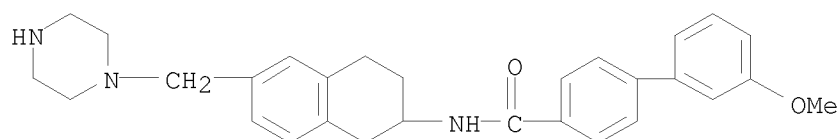
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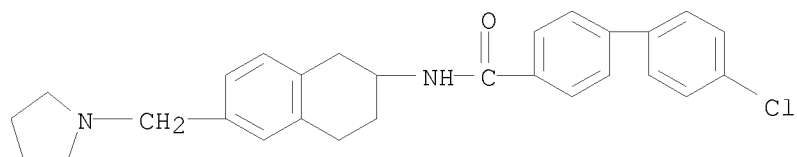
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CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-14-3 CAPLUS

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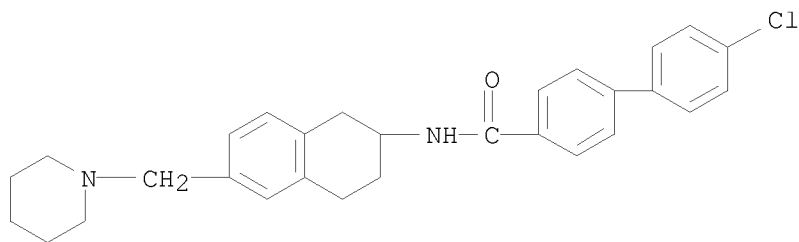




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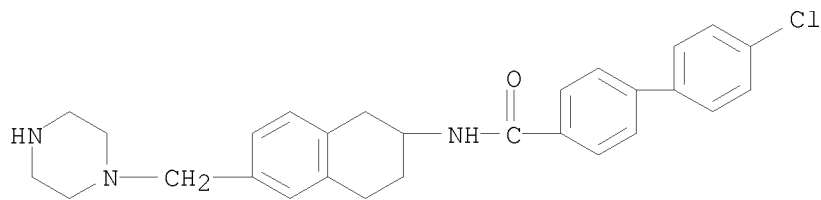
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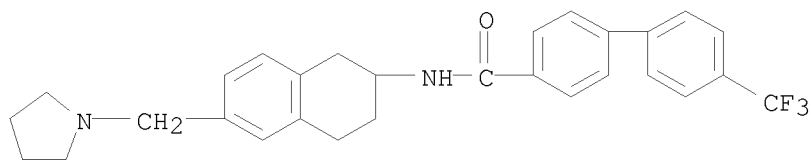
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RN 1008379-24-5 CAPLUS

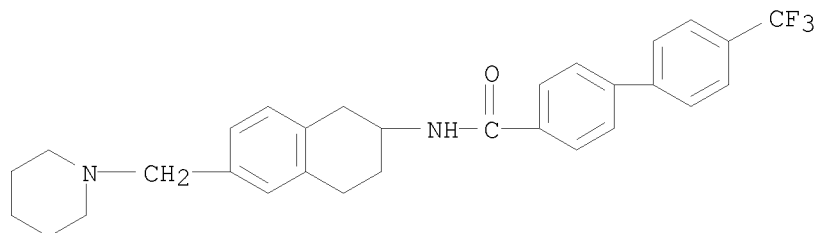
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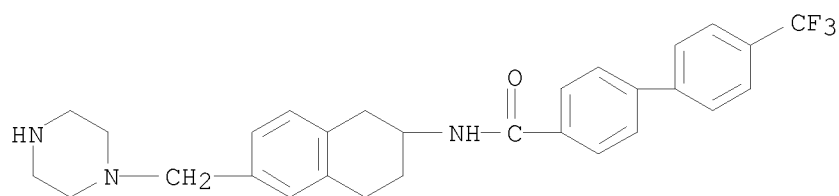
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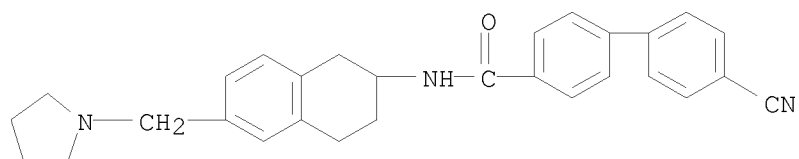
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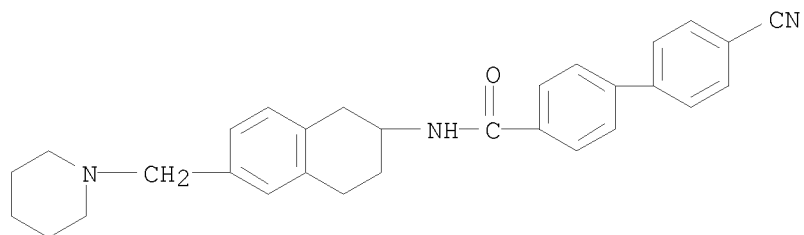
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RN 1008379-36-9 CAPLUS  
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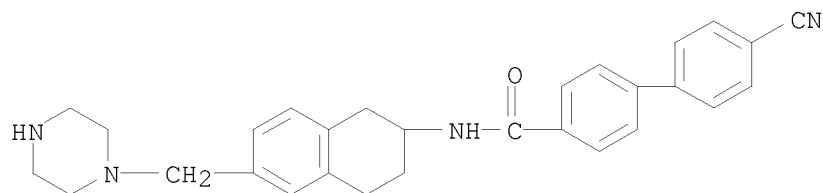


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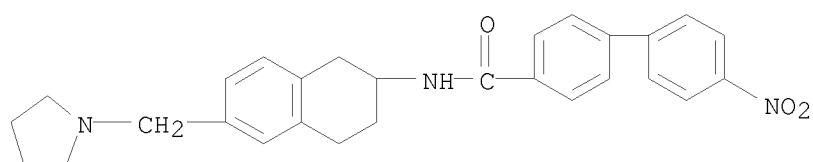
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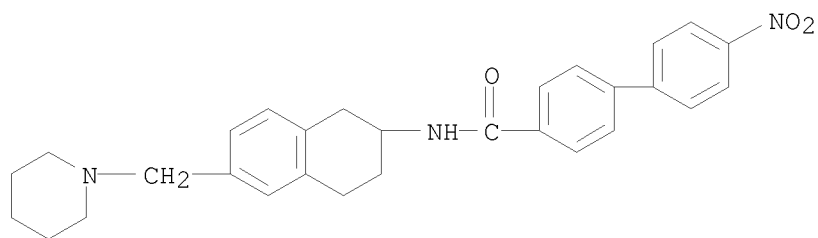
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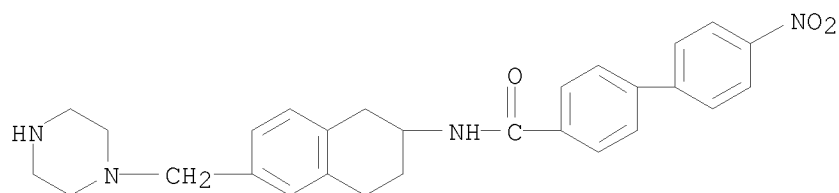
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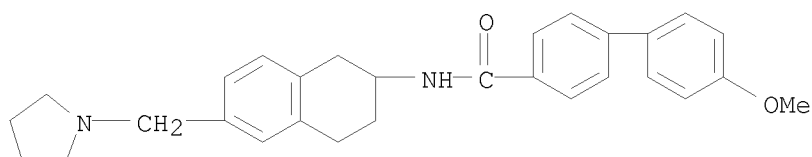
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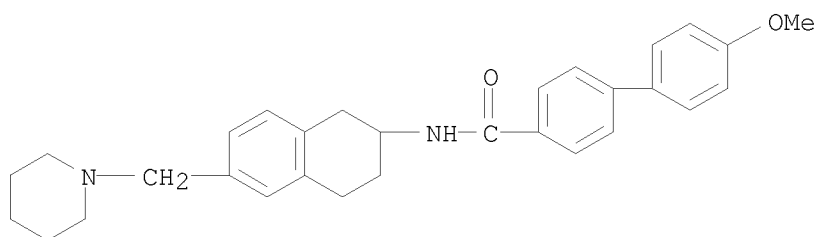
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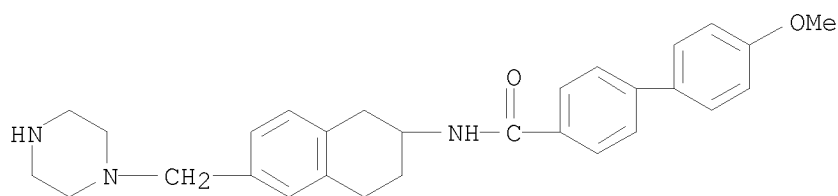
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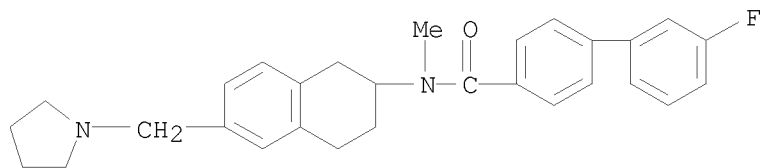
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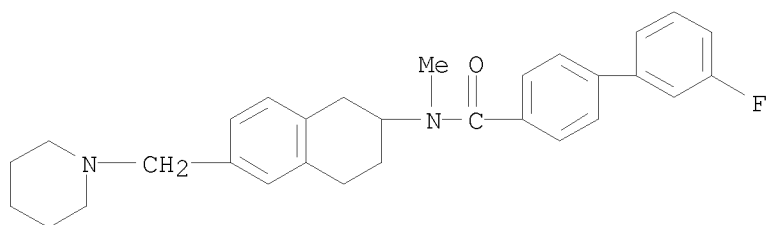
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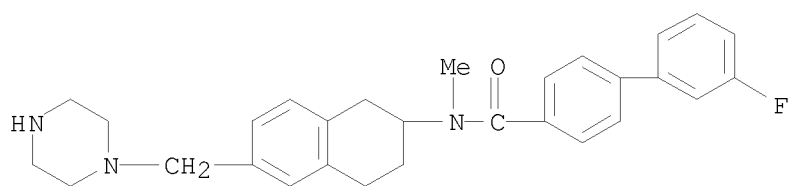
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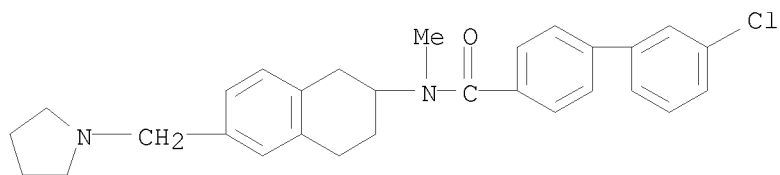
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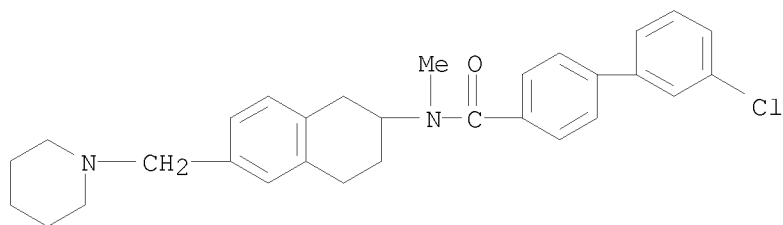
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RN 1008381-24-5 CAPLUS

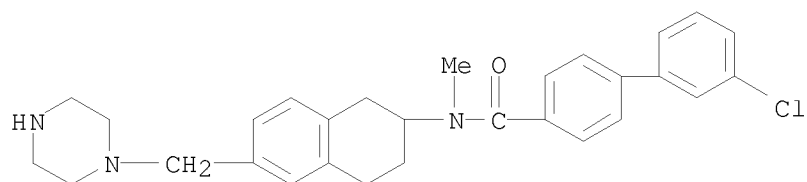
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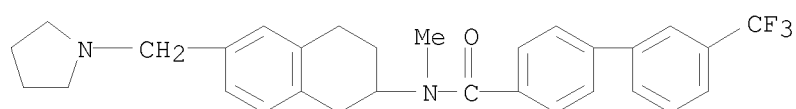
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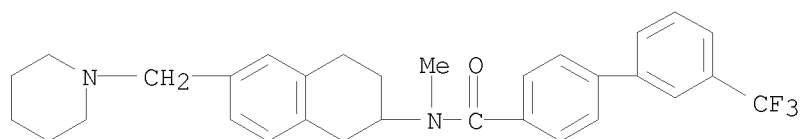
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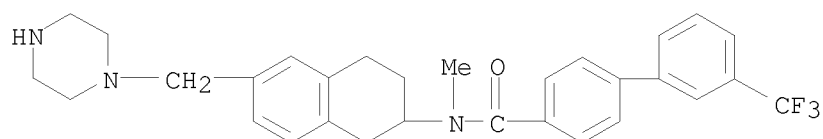
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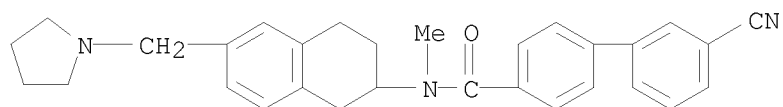
RN 1008381-36-9 CAPLUS  
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008381-37-0 CAPLUS  
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



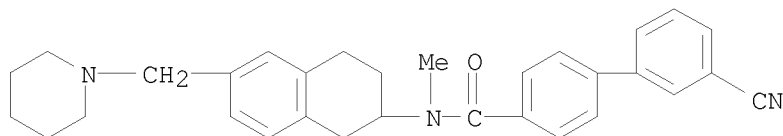
RN 1008381-44-9 CAPLUS  
CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-45-0 CAPLUS

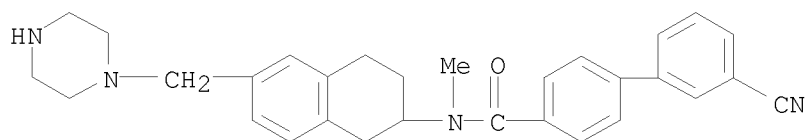
10/513699

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



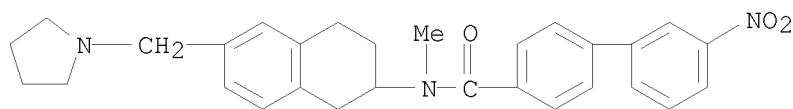
RN 1008381-48-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



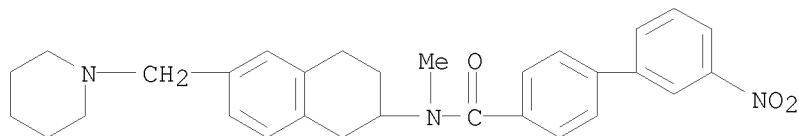
RN 1008381-55-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



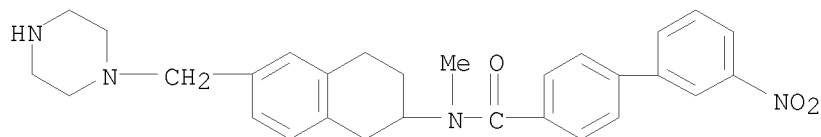
RN 1008381-57-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-58-5 CAPLUS

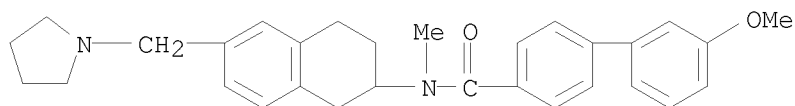
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



10/513699

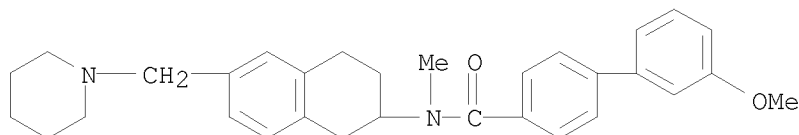
RN 1008381-67-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



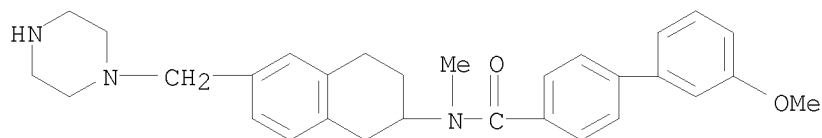
RN 1008381-70-1 CAPLUS

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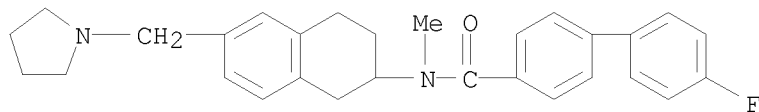
RN 1008381-71-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-78-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

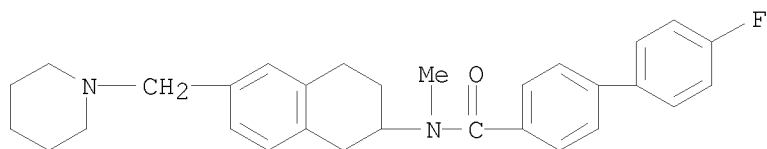


RN 1008381-80-3 CAPLUS

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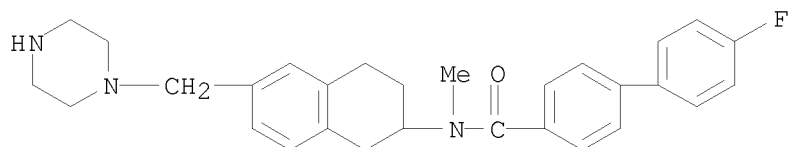


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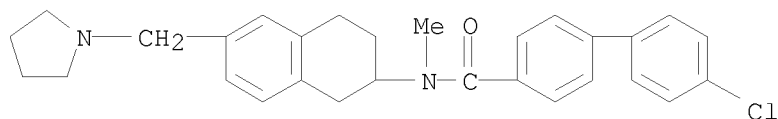
RN 1008381-82-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



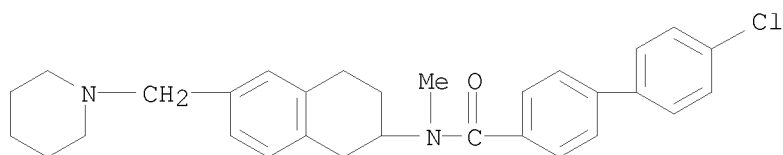
RN 1008381-91-6 CAPLUS

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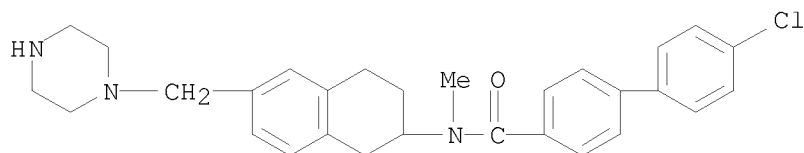
RN 1008381-92-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidynlmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-95-0 CAPLUS

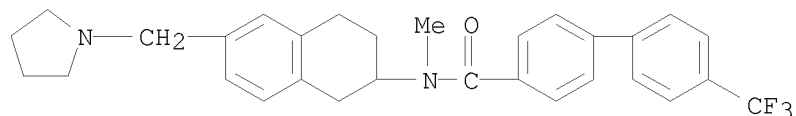
CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



10/513699

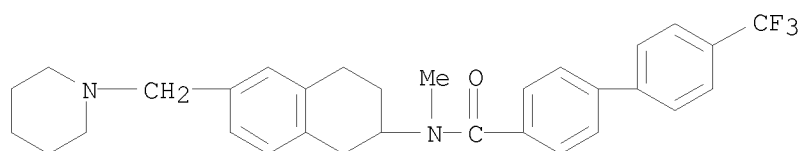
RN 1008382-02-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



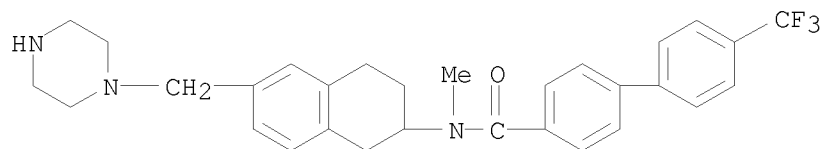
RN 1008382-04-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



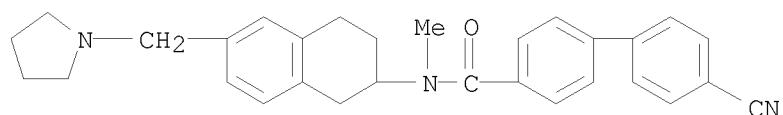
RN 1008382-07-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



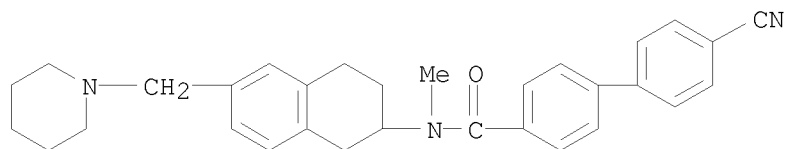
RN 1008382-15-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-16-8 CAPLUS

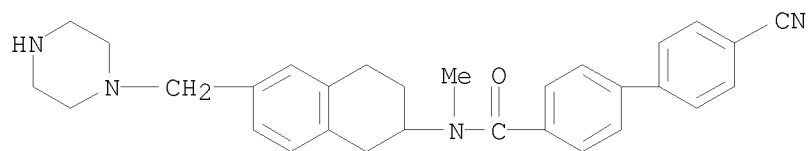
CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



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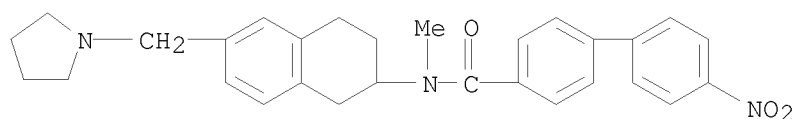
RN 1008382-17-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



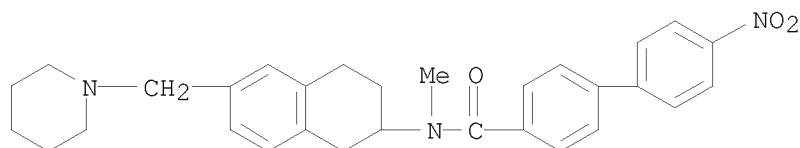
RN 1008382-23-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



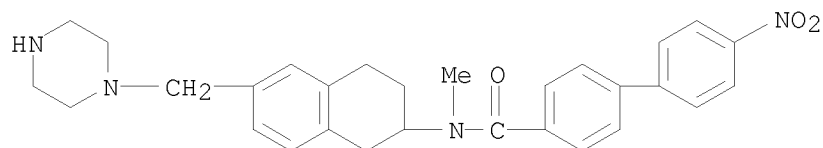
RN 1008382-26-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-27-1 CAPLUS

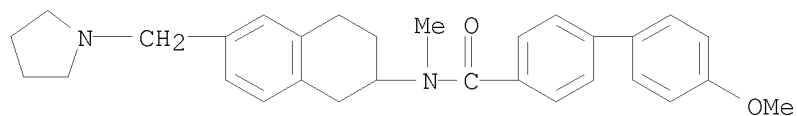
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-35-1 CAPLUS

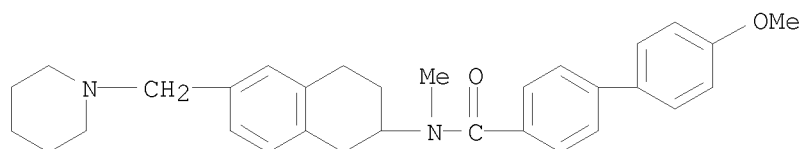
CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



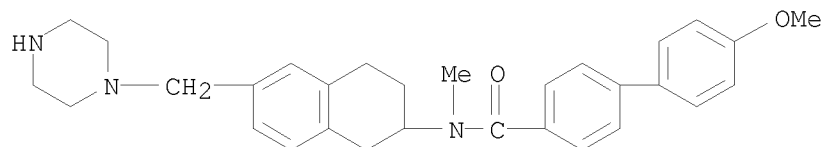
RN 1008382-38-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



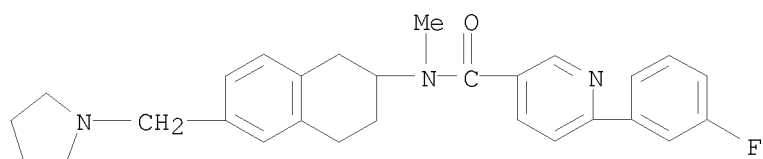
RN 1008382-39-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



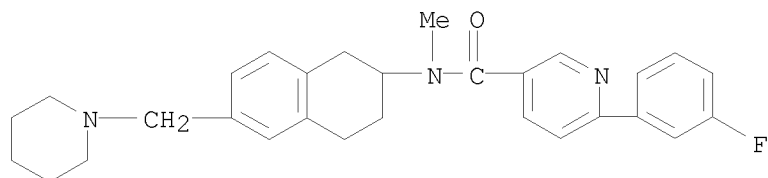
RN 1008383-87-6 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008383-89-8 CAPLUS

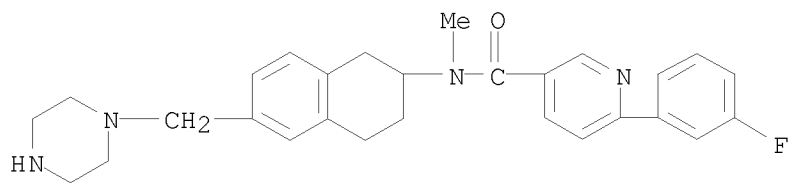
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10/513699

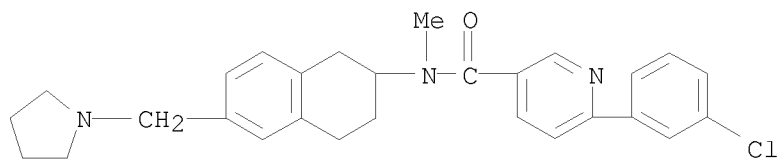
RN 1008383-91-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



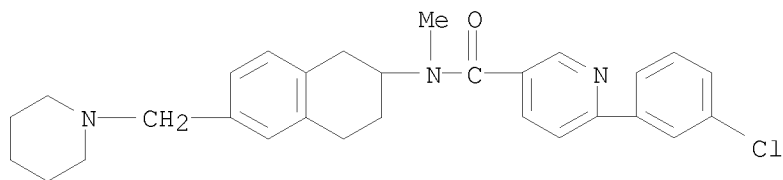
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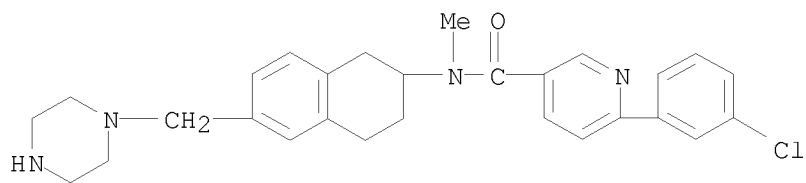
RN 1008384-00-6 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-04-0 CAPLUS

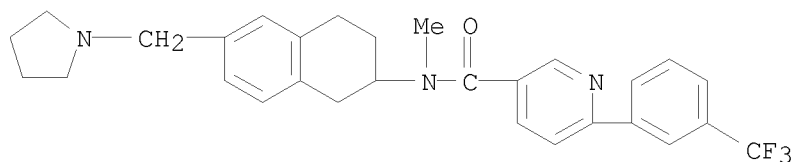
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RN 1008384-09-5 CAPLUS

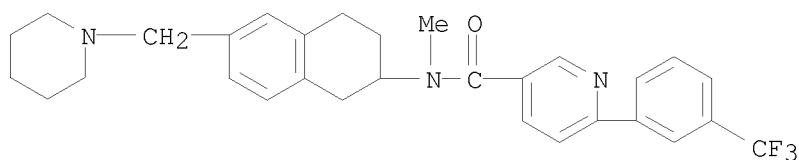
CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

10/513699



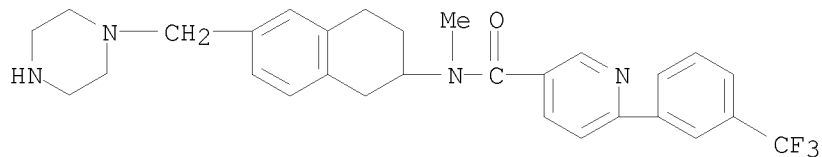
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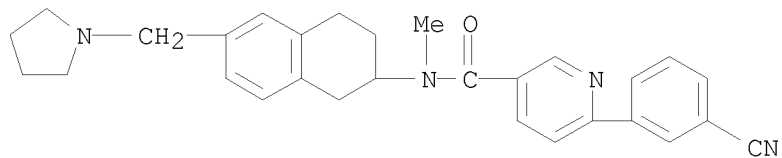
RN 1008384-14-2 CAPLUS

CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-6-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 1008384-22-2 CAPLUS

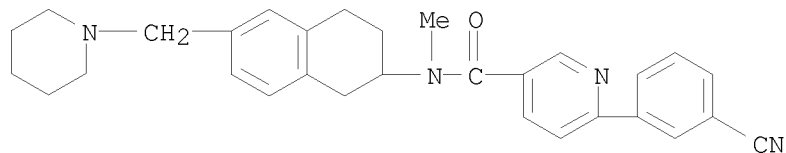
CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-24-4 CAPLUS

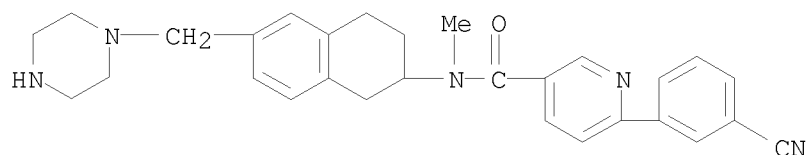
CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



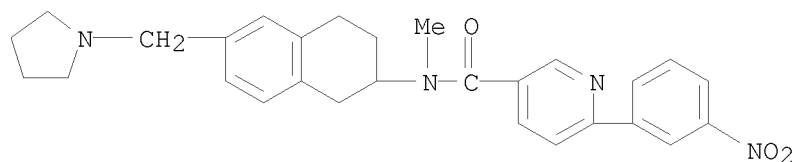
RN 1008384-26-6 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



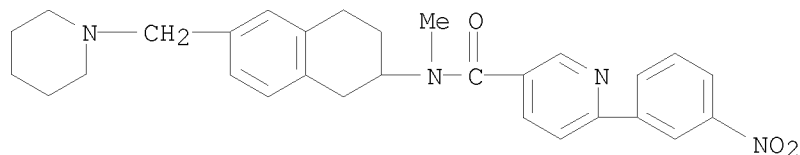
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CN 3-Pyridinecarboxamide, N-methyl-6-(3-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-34-6 CAPLUS

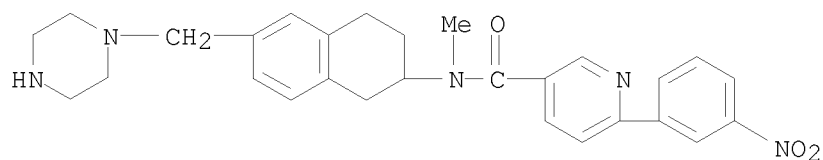
CN 3-Pyridinecarboxamide, N-methyl-6-(3-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-35-7 CAPLUS

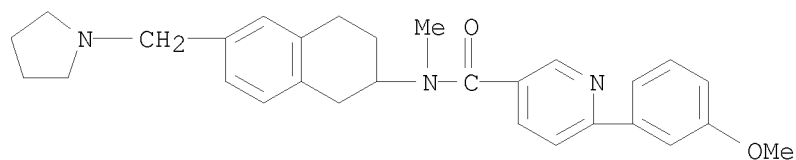
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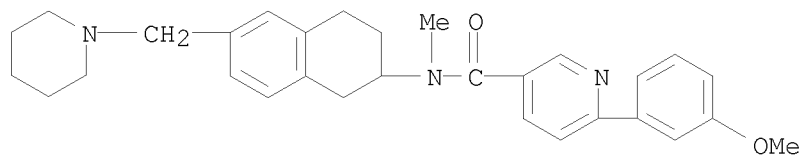
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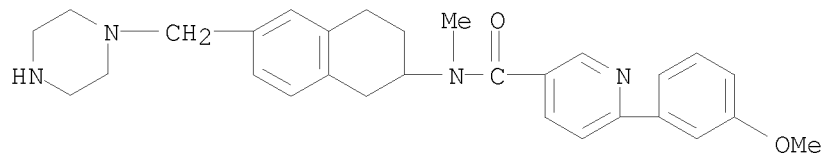
RN 1008384-45-9 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



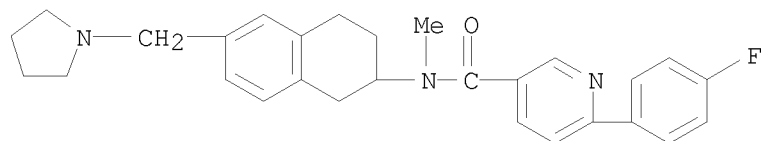
RN 1008384-48-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(3-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-56-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



<12/04/2007>

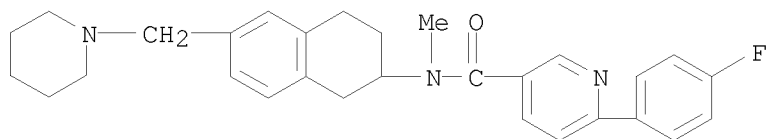
Erich Leese



10/513699

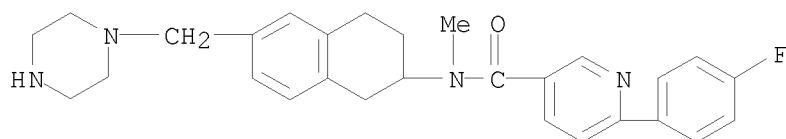
RN 1008384-57-3 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



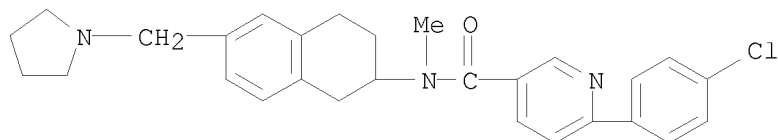
RN 1008384-60-8 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



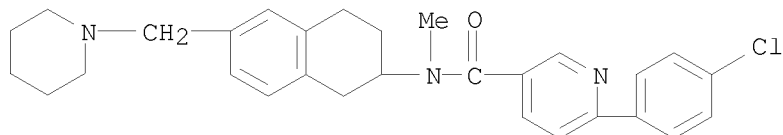
RN 1008384-67-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008384-69-7 CAPLUS

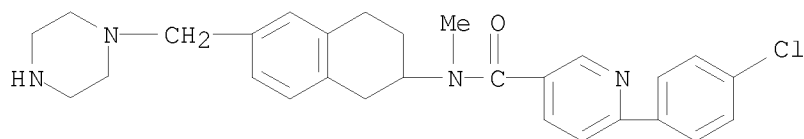
CN 3-Pyridinecarboxamide, 6-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylnmethyl)-2-naphthalenyl]- (CA INDEX NAME)



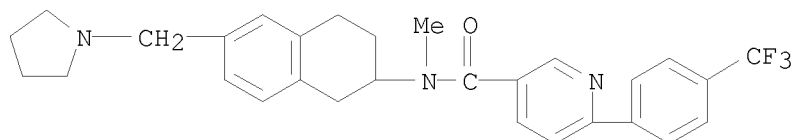
RN 1008384-72-2 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

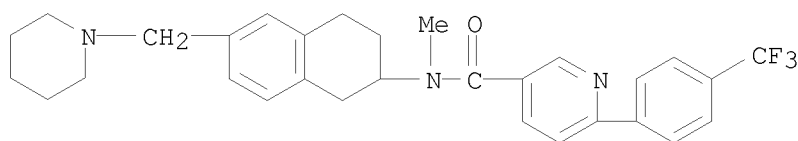
10/513699



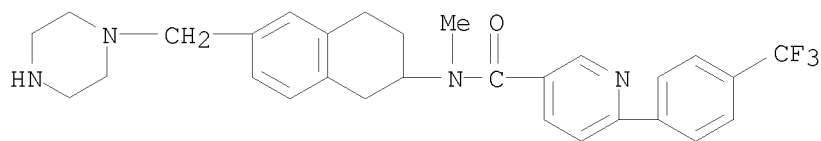
RN 1008384-78-8 CAPLUS  
CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 1008384-81-3 CAPLUS  
CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 1008384-82-4 CAPLUS  
CN 3-Pyridinecarboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-6-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



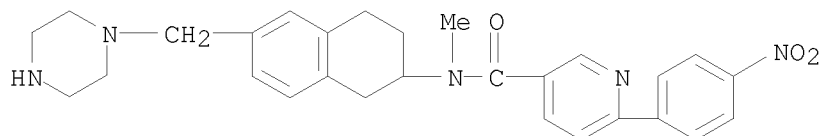
RN 1008384-90-4 CAPLUS  
CN 3-Pyridinecarboxamide, 6-(4-cyanophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

CN1CCCC1CCc2ccc3c(c2)CCCC3NC(=O)c4ccc5c(c4)n(c6ccc(C#N)cc6)c7ccccc75CN1C=CC=C(C=C1C2=CC=CC=C2)C(=O)N(C)C3CCc4ccc(cc4CCN3CCCCC3)CC5CCCCC5CN1CCN(CC1)CC2=CC=C3C(=C2)CC(C3)NC(=O)c4ccc5c(c4)n(c6ccc(C#N)cc6)c5CN(C(=O)c1ccc2c(c1)c3ccccc3c2[N+](=O)[O-])Nc4ccc5c(c4)CCN(C5)CC6CN(C(=O)c1ccc2c(c1)-c3ccc([N+](=O)[O-])cc3)Nc4ccc5c(c4)CCN(C5)CC6

Erich Leese

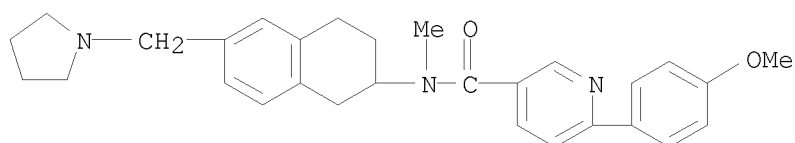
10/513699

CN 3-Pyridinecarboxamide, N-methyl-6-(4-nitrophenyl)-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



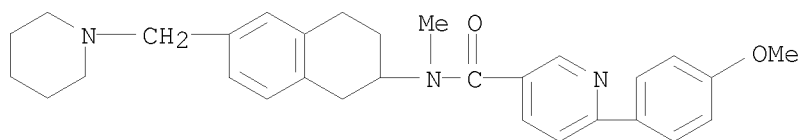
RN 1008385-13-4 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



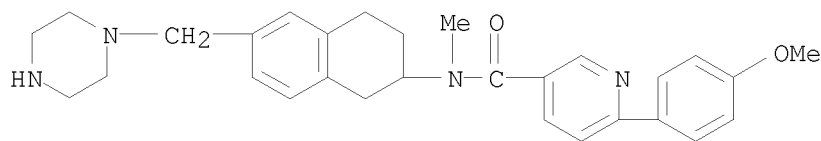
RN 1008385-14-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008385-16-7 CAPLUS

CN 3-Pyridinecarboxamide, 6-(4-methoxyphenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



IT 849420-80-0P 849420-99-1P 913712-07-9P  
913712-09-1P 913712-13-7P 913712-29-5P  
913712-30-8P 913712-31-9P 913712-32-0P  
913712-33-1P 913712-37-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of biarylcarboxamides as melanin concentrating hormone antagonists)

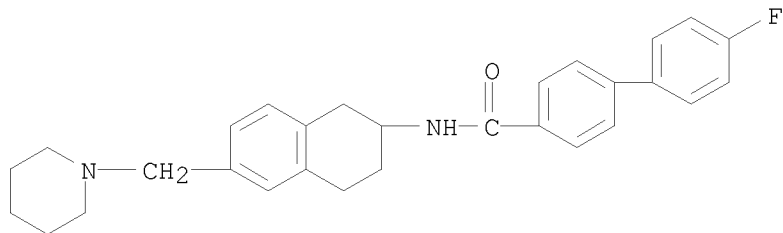
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Erich Leese

10/513699

RN 849420-80-0 CAPLUS

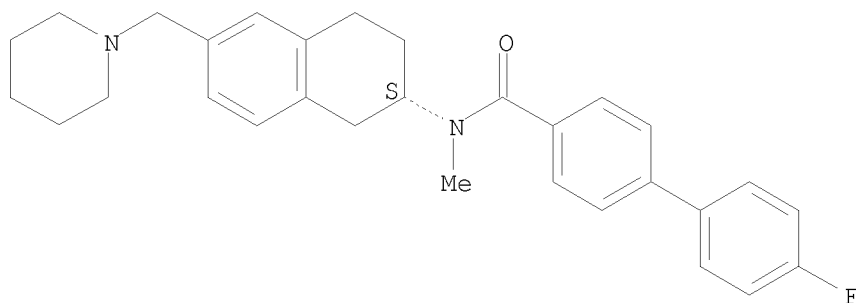
CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 849420-99-1 CAPLUS

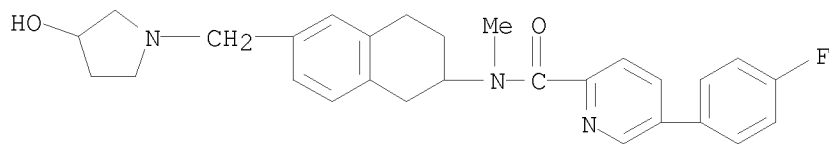
CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 913712-07-9 CAPLUS

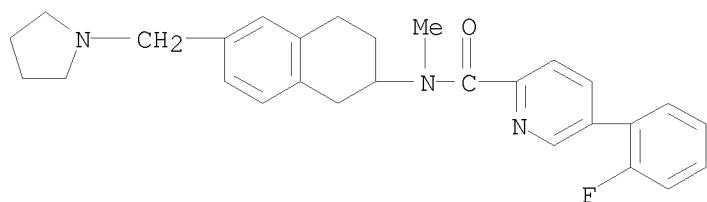
CN 2-Pyridinecarboxamide, 5-(4-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)



RN 913712-09-1 CAPLUS

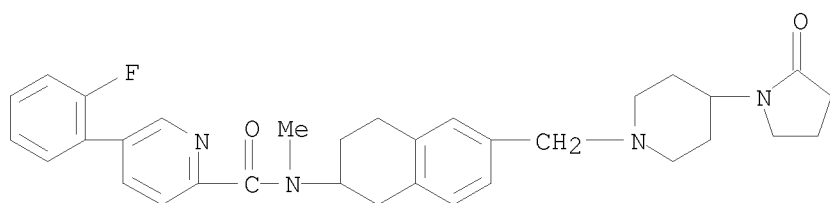
CN 2-Pyridinecarboxamide, 5-(2-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



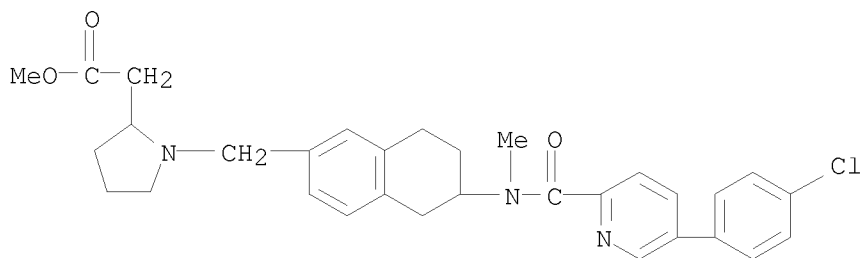
RN 913712-13-7 CAPLUS

CN 2-Pyridinecarboxamide, 5-(2-fluorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[[4-(2-oxo-1-pyrrolidinyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)



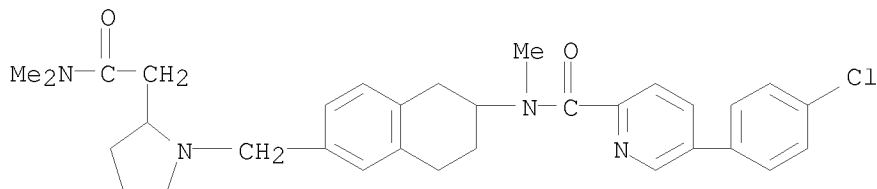
RN 913712-29-5 CAPLUS

CN 2-Pyrrolidineacetic acid, 1-[[6-[[[5-(4-chlorophenyl)-2-pyridinyl]carbonyl]methylamino]-5,6,7,8-tetrahydro-2-naphthalenyl]methyl]-, methyl ester (CA INDEX NAME)



RN 913712-30-8 CAPLUS

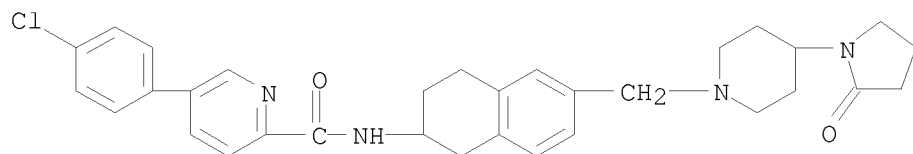
CN 2-Pyridinecarboxamide, 5-(4-chlorophenyl)-N-[6-[[2-(dimethylamino)-2-oxoethyl]-1-pyrrolidinyl]methyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



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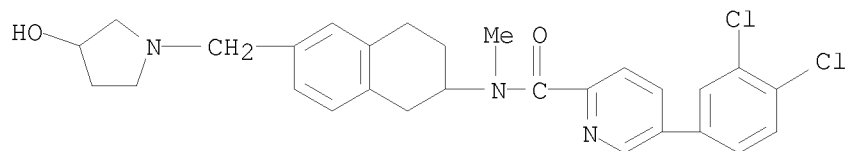
RN 913712-31-9 CAPLUS

CN 2-Pyridinecarboxamide, 5-(4-chlorophenyl)-N-[1,2,3,4-tetrahydro-6-[[4-(2-oxo-1-pyrrolidinyl)-1-piperidinyl]methyl]-2-naphthalenyl]- (CA INDEX NAME)



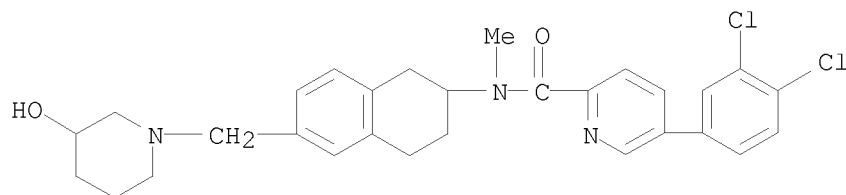
RN 913712-32-0 CAPLUS

CN 2-Pyridinecarboxamide, 5-(3,4-dichlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-pyrrolidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)



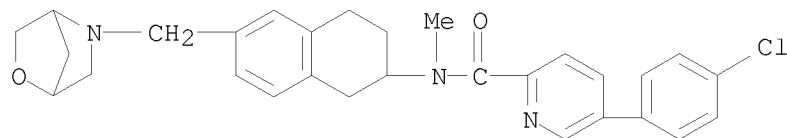
RN 913712-33-1 CAPLUS

CN 2-Pyridinecarboxamide, 5-(3,4-dichlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-[(3-hydroxy-1-piperidinyl)methyl]-2-naphthalenyl]- (CA INDEX NAME)



RN 913712-37-5 CAPLUS

CN 2-Pyridinecarboxamide, 5-(4-chlorophenyl)-N-methyl-N-[1,2,3,4-tetrahydro-6-(2-oxa-5-azabicyclo[2.2.1]hept-5-ylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



L17 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1132911 CAPLUS

DOCUMENT NUMBER: 143:405810

TITLE: Preparation of cyclic amine derivatives as bradykinin antagonists and their use in the treatment of pain and inflammation

INVENTOR(S): Groneberg, Robert D.; Zhan, James; Askew, Benny C.; D'Amico, Derin C.; Han, Nianhe; Fotsch, Christopher H.; Liu, Qingyian; Riahi, Babak; Zhu, Jiawang; Yang, Kevin; Chen, Jian Jeffrey; Nomak, Rana

PATENT ASSIGNEE(S): Amgen Inc., USA; Array Biopharma, Inc.

SOURCE: U.S. Pat. Appl. Publ., 107 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

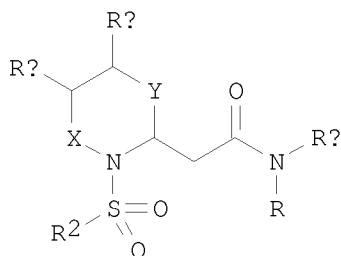
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

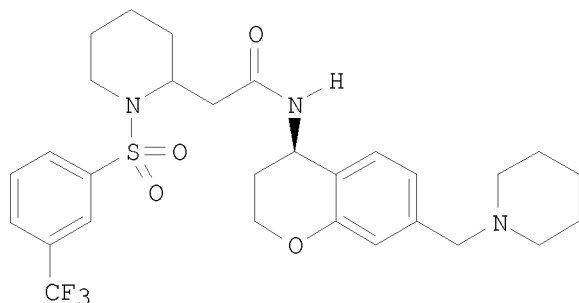
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050234044	A1	20051020	US 2004-823372	20040412
US 7199244	B2	20070403		
PRIORITY APPLN. INFO.:			US 2003-461673P	P 20030410
OTHER SOURCE(S):	MARPAT	143:405810		

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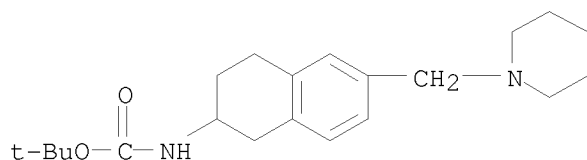
II

AB Title compds. I [wherein X = (CH<sub>2</sub>)<sub>q</sub>; Y = (CH<sub>2</sub>)<sub>t</sub>; q = 0-3; t = 0-2; when t = 2, q is not 3; R = 9-11-membered fused bicyclic carbocyclic or heterocyclic ring substituted with 1 to 3 basic moieties, and optionally substituted with 1 to 3 groups independently selected from NH<sub>2</sub>, OH, CN,



oxo, alkoxy etc.; ; R2 = (un)substituted arylalkenyl, aryl, heterocyclyl selected from thienyl, imidazolyl, and benzo-fused heteroaryl; Ra = independently H, alkyl; and aryl optionally substituted with 1 to 3 groups independently selected from halo, OH, CN, alkylamino, alk(en/yn)yl, etc.; Rb = independently H, oxo, OH, benzyloxy, C1-2-alkyl; Rc = independently H, alkyl; or RbCCRC = 6-membered hetero/aryl optionally substituted with 1 to 3 groups independently selected from halo, OH, CN, CF3, oxo, alkoxy, alkylamino, alkenyl, etc.; and their pharmaceutically acceptable salts] were prepared as bradykinin antagonists. Seven biol. tests are given. For example, II•HCl was prepared by reductive amination of N-((R)-7-formylchroman-4-yl)-2-[1-(3-trifluoromethylbenzenesulfonyl)piperidin-2-yl]acetamide (preparation given) with piperidine in N,N-dimethylacetamide in the presence of NaBH(OAc)3. Selected I bound to hB1 bradykinin receptor with IC50 values < 100 nm in an in vitro assay using calcium flux. Thus, I are useful for prophylaxis and treatment of diseases and other maladies or conditions involving pain, inflammation mediated by Bradykinin.

- IT 783239-08-7P, [6-[(Piperidin-1-yl)methyl]-1,2,3,4-tetrahydronaphthalen-2-yl]carbamic acid tert-butyl ester  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (intermediate; preparation of cyclic amine derivs. as bradykinin antagonists and their use in treatment of pain and inflammation)
- RN 783239-08-7 CAPLUS
- CN Carbamic acid, [1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

L17 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:979643 CAPLUS

DOCUMENT NUMBER: 143:266686

TITLE: Preparation of tetralin derivatives as histamine H3 receptor antagonists

INVENTOR(S): Beavers, Lisa Selsam; Gadski, Robert Alan; Hipskind, Philip Arthur; Jesudason, Cynthia Darshini; Lindsley, Craig William; Lobb, Karen Lynn; Pickard, Richard Todd

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

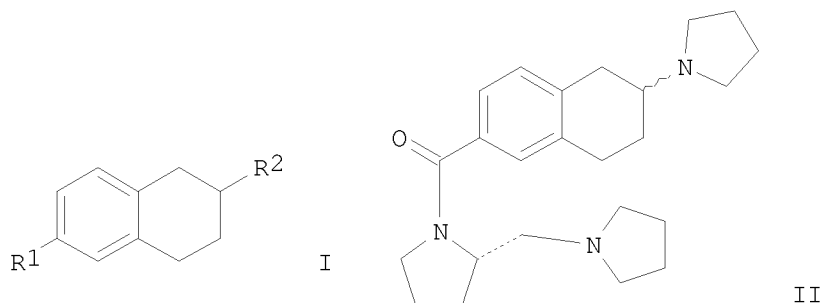
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005082893	A2	20050909	WO 2005-US5491	20050222
WO 2005082893	A3	20060420		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1720861	A2	20061115	EP 2005-723430	20050222
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU			
US 20070155754	A1	20070705	US 2006-598262	20060823
PRIORITY APPLN. INFO.:			US 2004-547758P	P 20040225
			WO 2005-US5491	W 20050222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 143:266686; MARPAT 143:266686

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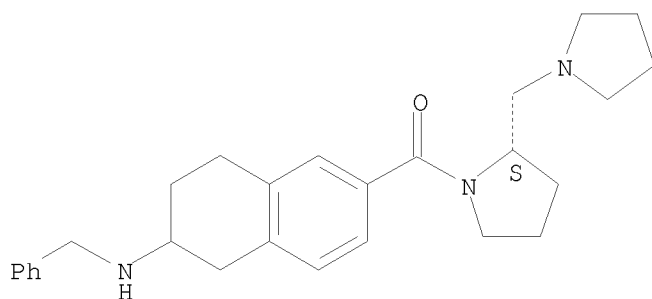
AB Tetralins of formula I [R1 = CH2NR3R4, CONR3R4, N-methylpiperazinocarbonyl; R2 = H, NH-alkyl, NR3R4, NH-cycloalkyl, N-methylpiperazino, piperidino, pyrrolidino, etc.; R3 = H, alkyl; R4 = alkyl, phenylalkylene; R3R4 = alkylene, etc.] are prepared which have histamine-H3 receptor antagonist activity. The invention discloses pharmaceutical compns. comprising compds. of formula I as well as methods of using them to treat obesity and other histamine H3 receptor-related diseases. Thus, II was prepared and had Ki value of 1.5 nM against GTP  $\gamma$ [35S].

IT 863925-20-6P 863925-21-7P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of tetralin derivs. as histamine H3 receptor antagonists)

RN 863925-20-6 CAPLUS

CN Methanone, [(2S)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl][5,6,7,8-tetrahydro-6-[(phenylmethyl)amino]-2-naphthalenyl]- (CA INDEX NAME)

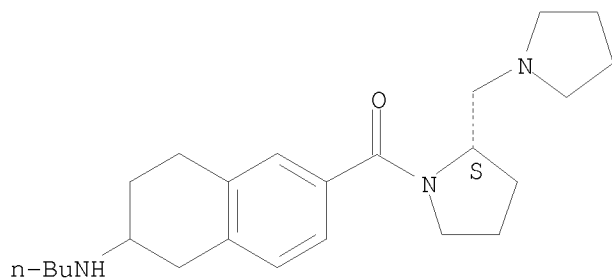
Absolute stereochemistry.



RN 863925-21-7 CAPLUS

CN Methanone, [6-(butylamino)-5,6,7,8-tetrahydro-2-naphthalenyl][(2S)-2-(1-pyrrolidinylmethyl)-1-pyrrolidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

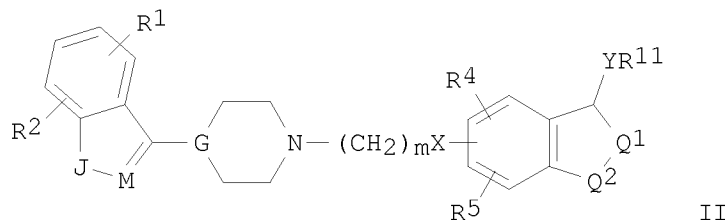
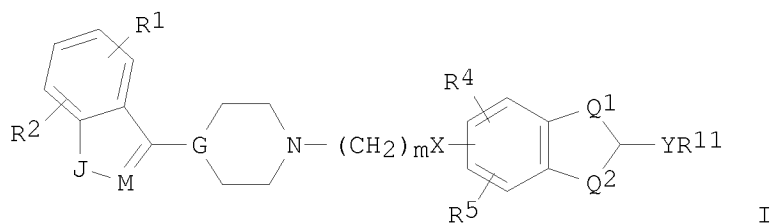
<12/04/2007>

Erich Leese

10/513699

L17 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2005:540574 CAPLUS  
DOCUMENT NUMBER: 143:78209  
TITLE: Preparation of piperazinylethylindanes as dopamine D2  
and serotonin 5-HT2A antagonists.  
INVENTOR(S): Graham, James Michael; Kornberg, Brian Edward; Nikam,  
Cham Shridhar; Xie, Dejian  
PATENT ASSIGNEE(S): Warner-Lambert Company LLC, USA  
SOURCE: PCT Int. Appl., 132 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005056540	A1	20050623	WO 2004-IB3898	20041126
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2548447	A1	20050623	CA 2004-2548447	20041126
EP 1697334	A1	20060906	EP 2004-799000	20041126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
BR 2004016739	A	20070116	BR 2004-16739	20041126
JP 2007513197	T	20070524	JP 2006-543635	20041126
NL 1027680	A1	20050609	NL 2004-1027680	20041207
NL 1027680	C2	20051130		
US 20050282819	A1	20051222	US 2004-7486	20041208
MX 2006006033	A	20060725	MX 2006-6033	20060526
PRIORITY APPLN. INFO.:			US 2003-527852P	P 20031208
			US 2003-531096P	P 20031219
			US 2003-531096	A 20031219
			US 2003-753096P	P 20031219
			WO 2004-IB3898	W 20041126
OTHER SOURCE(S):		CASREACT 143:78209; MARPAT 143:78209		
GI				



AB Title compds. [I, II; J = S, SO, SO<sub>2</sub>, O, NR<sub>10</sub>; R<sub>10</sub> = H, alkyl, alkylcarbonyl, alkoxy, carbonyl; M, G = CH, N; m = 1-6; X = null, O, NR<sub>10</sub>, CHOH, CO, etc.; R<sub>1</sub>, R<sub>2</sub> = H, halo, cyano, alkyl, fluoroalkyl, alkoxy, fluoroalkoxy; R<sub>1</sub>R<sub>10</sub> = atoms to form heterocyclyl; R<sub>4</sub>, R<sub>5</sub> = H, halo, cyano, (halo-substituted) aminoalkyl, alkylaminoalkyl, alkoxy, alkoxyalkyl, etc.; R<sub>6</sub>-R<sub>9</sub> = H, alkyl, fluoroalkyl; Y = O, NR<sub>10</sub>, (CH<sub>2</sub>)<sub>w</sub> when R<sub>11</sub> is present; w = 1-6; Y = O, OH, NR<sub>13</sub>R<sub>14</sub>, (CH<sub>2</sub>)<sub>q</sub>Me; n, z = 1-3; q = 1-5; R<sub>11</sub> = null, H, (substituted) alkyl, alkylsulfonyl, arylsulfonyl, aryl, aralkyl, heteroaryl, heteroarylalkyl, heterocyclyl, etc.; n+q ≤ 3; Q<sub>1</sub> = (CR<sub>6</sub>R<sub>7</sub>)<sub>z</sub>; Q<sub>2</sub> = (CR<sub>8</sub>R<sub>9</sub>)<sub>n</sub>], were prepared Thus, N-[5-(2-chloroethyl)indan-2-yl]-2,2,2-trifluoroacetamide (preparation given), 3-(piperazin-1-yl)benzo[d]isothiazole hydrochloride, and Na<sub>2</sub>CO<sub>3</sub> were microwaved together in H<sub>2</sub>O at 175° for 10 min. to give N-[5-[2-(4-benzo[d]isothiazol-3-yl)piperazin-1-yl]ethyl]indan-2-yl]-2,2,2-trifluoroacetamide. Title compds. showed D<sub>2</sub> and 5-HT<sub>2A</sub> binding with K<sub>i</sub> ≤ 1 μM.

IT	855746-36-0P	855746-37-1P	855746-38-2P
	855746-39-3P	855746-40-6P	855746-41-7P
	855746-42-8P	855746-43-9P	855746-44-0P
	855746-45-1P	855746-46-2P	855746-47-3P
	855746-48-4P	855746-49-5P	855746-50-8P
	855746-51-9P	855746-52-0P	855746-53-1P
	855746-54-2P	855746-55-3P	855746-56-4P
	855746-57-5P	855746-58-6P	855746-59-7P
	855746-60-0P	855746-61-1P	855746-62-2P
	855746-63-3P	855746-64-4P	855746-65-5P
	855746-66-6P	855746-67-7P	855746-68-8P
	855746-69-9P	855746-70-2P	855746-71-3P
	855746-72-4P	855746-73-5P	855746-74-6P
	855746-75-7P	855746-76-8P	855746-77-9P
	855746-78-0P	855746-79-1P	855746-80-4P
	855746-81-5P		

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

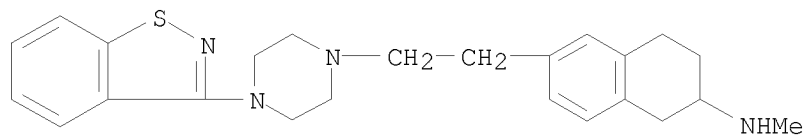
(preparation of piperazinylethylindanes as dopamine D<sub>2</sub> and serotonin 5-HT<sub>2A</sub>

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antagonists)

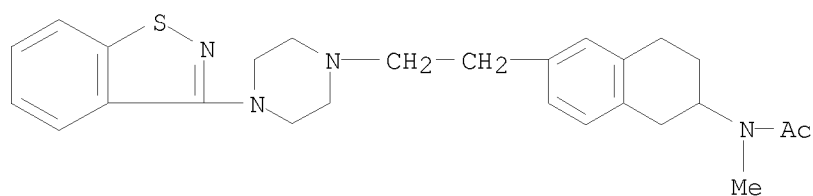
RN 855746-36-0 CAPLUS

CN 2-Naphthalenamine, 6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-  
1,2,3,4-tetrahydro-N-methyl- (CA INDEX NAME)



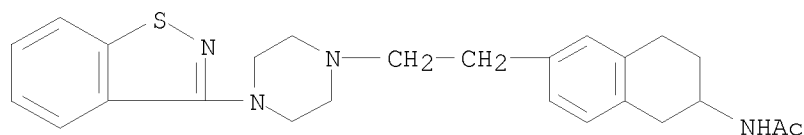
RN 855746-37-1 CAPLUS

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-  
1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



RN 855746-38-2 CAPLUS

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-  
1,2,3,4-tetrahydro-2-naphthalenyl]-, hydrochloride (5:7) (CA INDEX NAME)

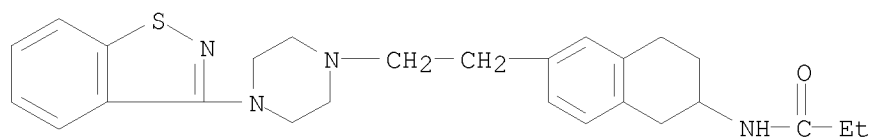


● 7/5 HCl

RN 855746-39-3 CAPLUS

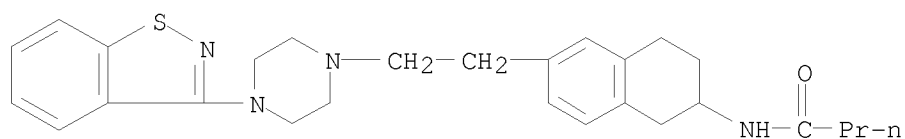
CN Propanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-  
1,2,3,4-tetrahydro-2-naphthalenyl]-, hydrochloride (1:1) (CA INDEX NAME)

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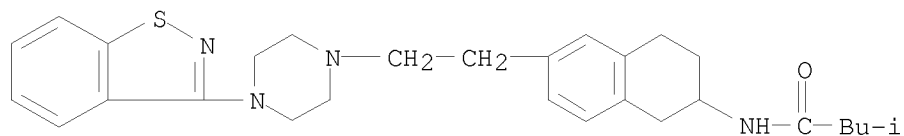
● HCl

RN 855746-40-6 CAPLUS  
CN Butanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-, hydrochloride (10:11) (CA INDEX NAME)



● 11/10 HCl

RN 855746-41-7 CAPLUS  
CN Butanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-3-methyl-, hydrochloride (10:11) (CA INDEX NAME)

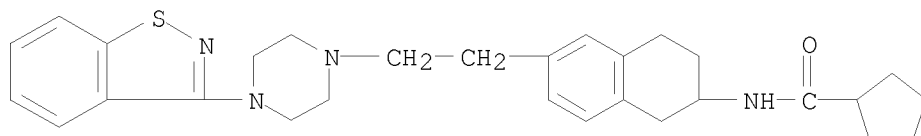


● 11/10 HCl

RN 855746-42-8 CAPLUS  
CN Cyclopentanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-, hydrochloride (5:6) (CA INDEX NAME)



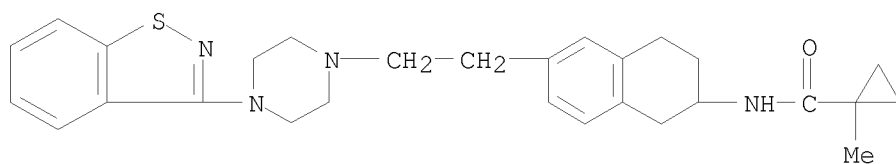
10/513699



●6/5 HCl

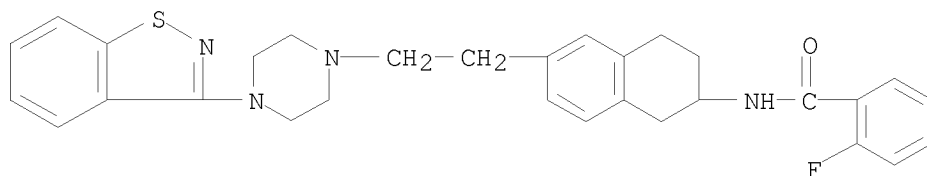
RN 855746-43-9 CAPLUS

CN Cyclopropanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-1-methyl- (CA INDEX NAME)



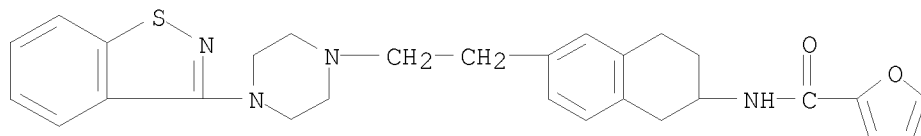
RN 855746-44-0 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-fluoro- (CA INDEX NAME)



RN 855746-45-1 CAPLUS

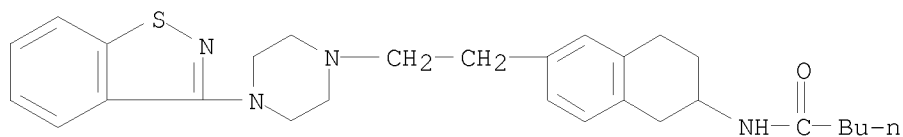
CN 2-Furancarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]- (CA INDEX NAME)



RN 855746-46-2 CAPLUS

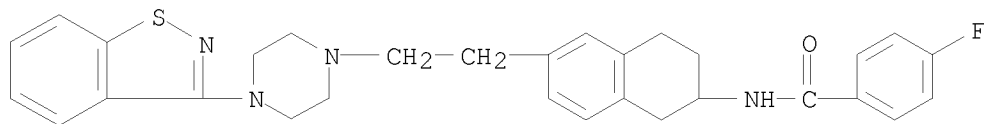
CN Pentanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]- (CA INDEX NAME)

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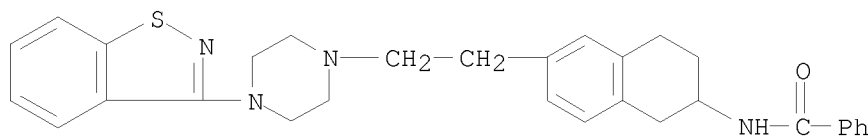
RN 855746-47-3 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-fluoro- (CA INDEX NAME)



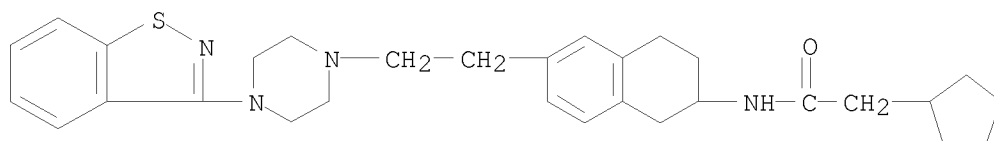
RN 855746-48-4 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]- (CA INDEX NAME)



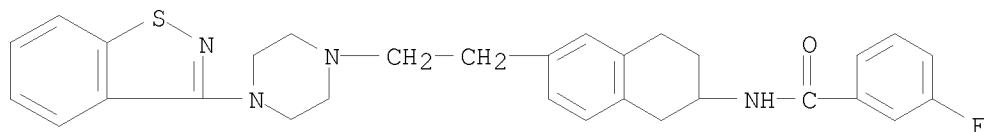
RN 855746-49-5 CAPLUS

CN Cyclopentaneacetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]- (CA INDEX NAME)



RN 855746-50-8 CAPLUS

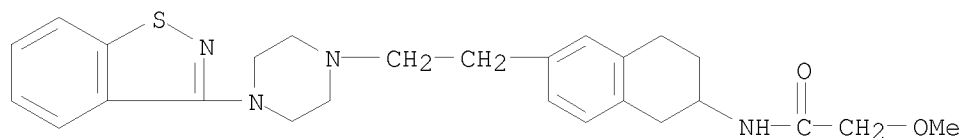
CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-3-fluoro- (CA INDEX NAME)



RN 855746-51-9 CAPLUS

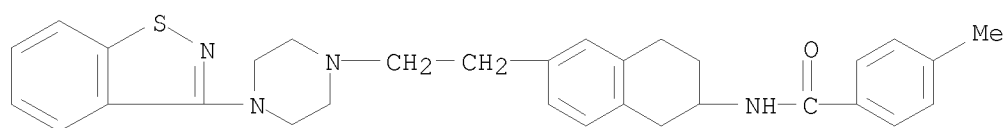
10/513699

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-methoxy- (CA INDEX NAME)



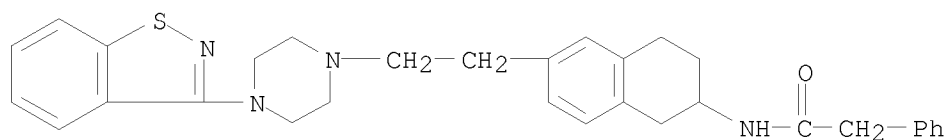
RN 855746-52-0 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-4-methyl- (CA INDEX NAME)



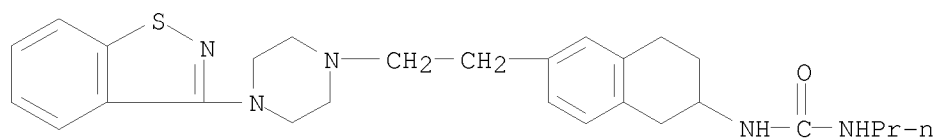
RN 855746-53-1 CAPLUS

CN Benzeneacetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]- (CA INDEX NAME)



RN 855746-54-2 CAPLUS

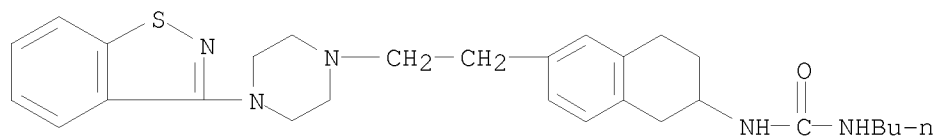
CN Urea, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N'-propyl- (CA INDEX NAME)



RN 855746-55-3 CAPLUS

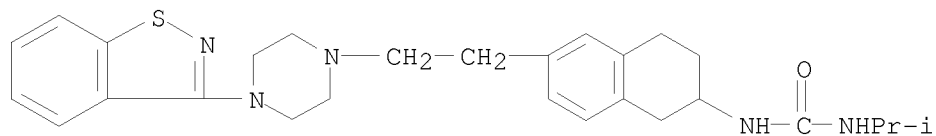
CN Urea, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N'-butyl- (CA INDEX NAME)

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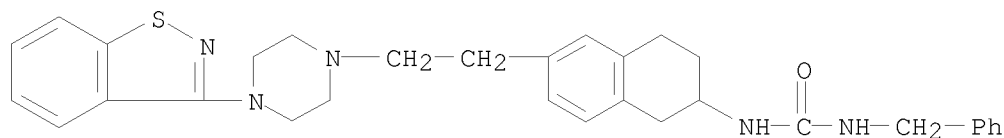
RN 855746-56-4 CAPLUS

CN Urea, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N'-(1-methylethyl)- (CA INDEX NAME)



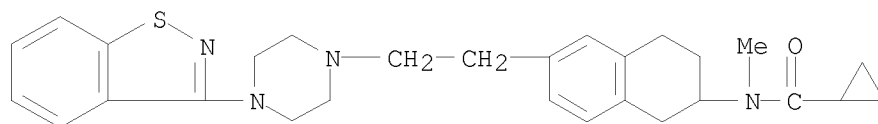
RN 855746-57-5 CAPLUS

CN Urea, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N'-(phenylmethyl)- (CA INDEX NAME)



RN 855746-58-6 CAPLUS

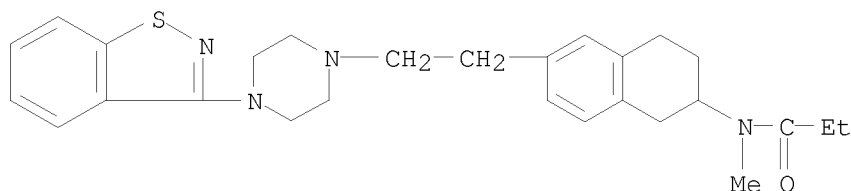
CN Cyclopropanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



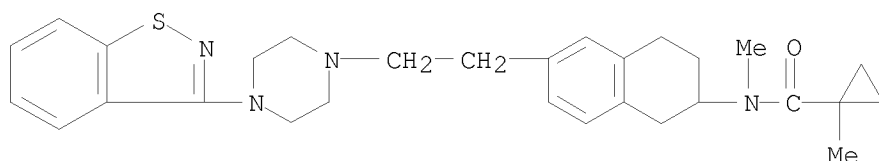
RN 855746-59-7 CAPLUS

CN Propanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)

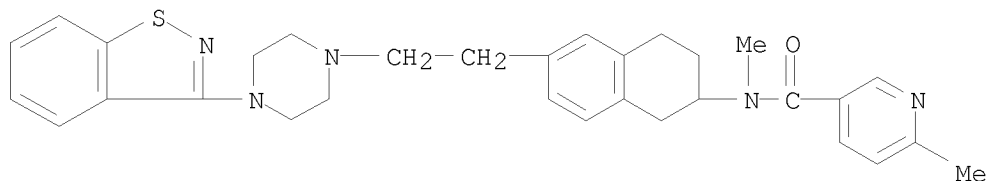
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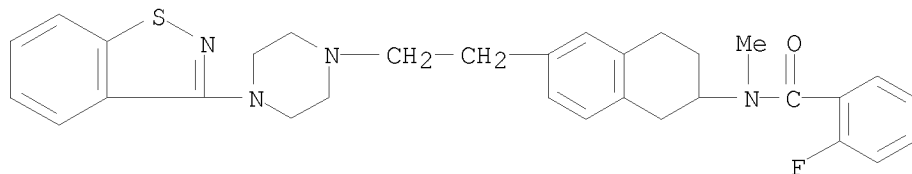
RN 855746-60-0 CAPLUS  
CN Cyclopropanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,1-dimethyl- (CA INDEX NAME)



RN 855746-61-1 CAPLUS  
CN 3-Pyridinecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,6-dimethyl- (CA INDEX NAME)

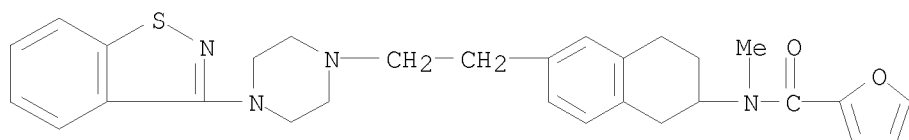


RN 855746-62-2 CAPLUS  
CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-fluoro-N-methyl- (CA INDEX NAME)



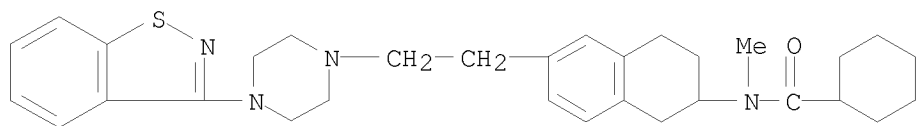
RN 855746-63-3 CAPLUS  
CN 2-Furancarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)

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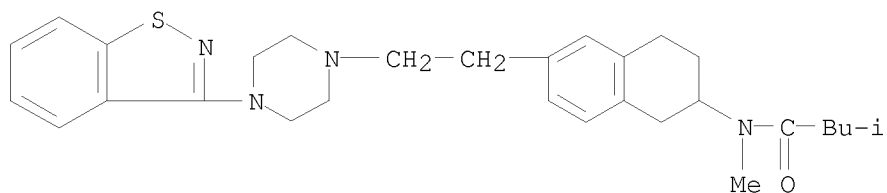
RN 855746-64-4 CAPLUS

CN Cyclohexanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



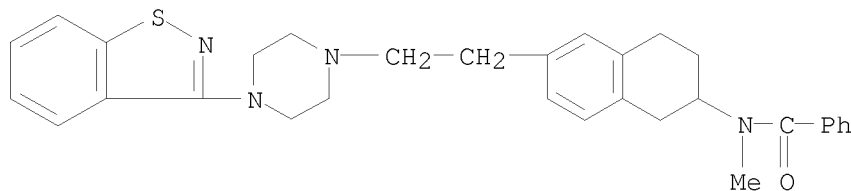
RN 855746-65-5 CAPLUS

CN Butanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,3-dimethyl- (CA INDEX NAME)



RN 855746-66-6 CAPLUS

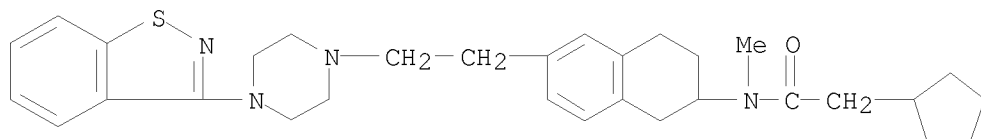
CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



RN 855746-67-7 CAPLUS

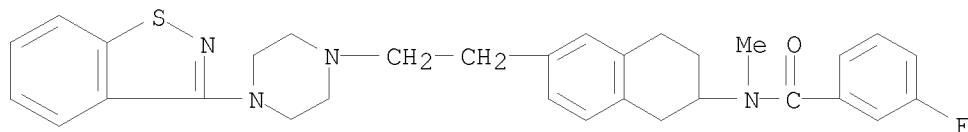
CN Cyclopentanecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)

10/513699



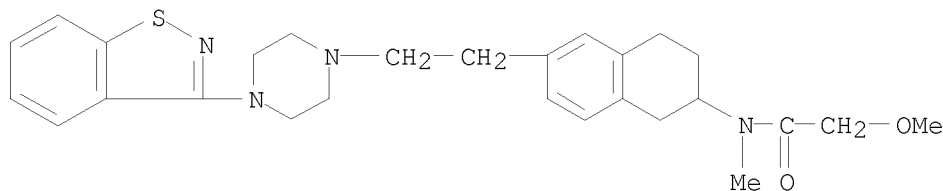
RN 855746-68-8 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-3-fluoro-N-methyl- (CA INDEX NAME)



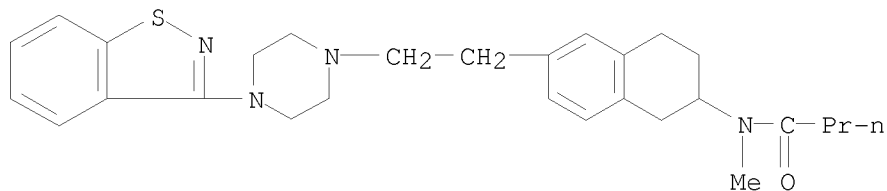
RN 855746-69-9 CAPLUS

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-methoxy-N-methyl- (CA INDEX NAME)



RN 855746-70-2 CAPLUS

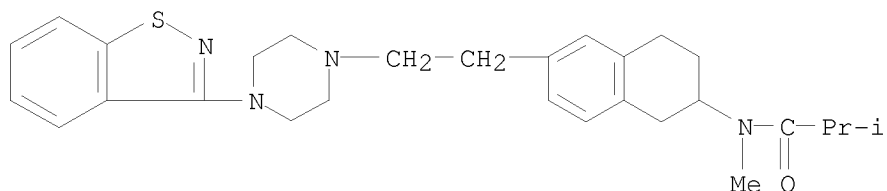
CN Butanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



RN 855746-71-3 CAPLUS

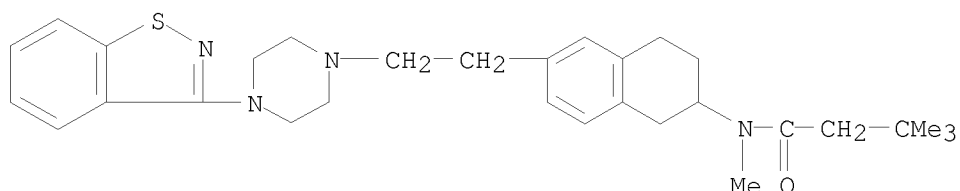
CN Propanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,N-dimethyl- (CA INDEX NAME)

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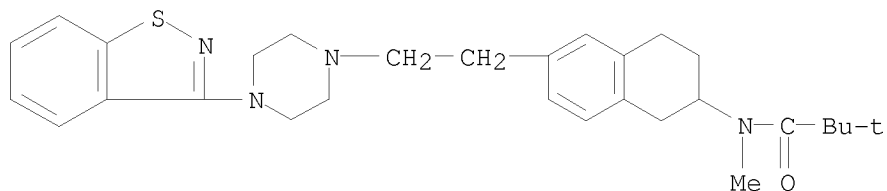
RN 855746-72-4 CAPLUS

CN Butanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,3,3-trimethyl- (CA INDEX NAME)



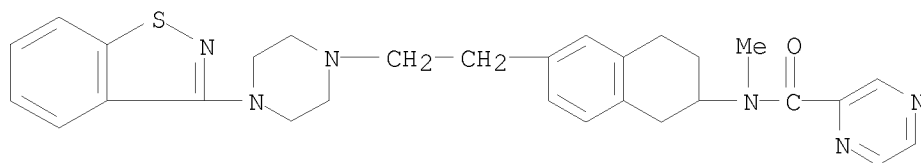
RN 855746-73-5 CAPLUS

CN Propanamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,2,2-trimethyl- (CA INDEX NAME)



RN 855746-74-6 CAPLUS

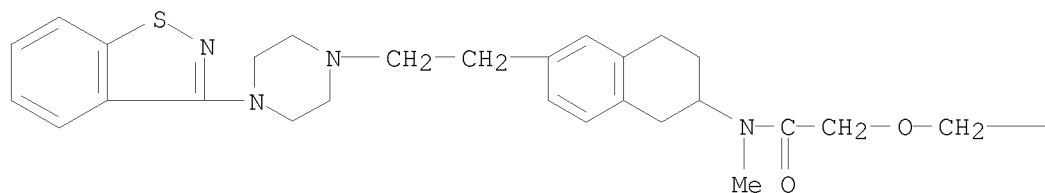
CN 2-Pyrazinecarboxamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl- (CA INDEX NAME)



RN 855746-75-7 CAPLUS

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-(2-methoxyethoxy)-N-methyl- (CA INDEX NAME)

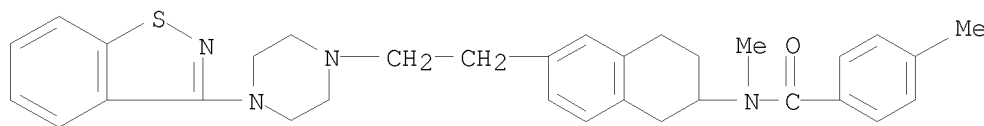




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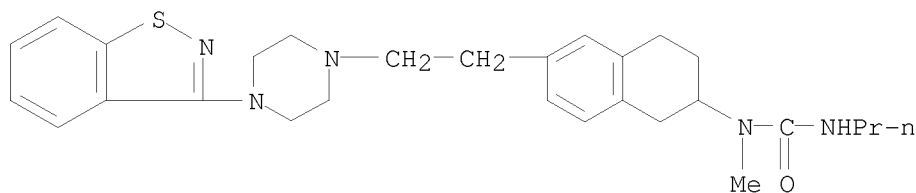
RN 855746-76-8 CAPLUS

CN Benzamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N,4-dimethyl- (CA INDEX NAME)



RN 855746-77-9 CAPLUS

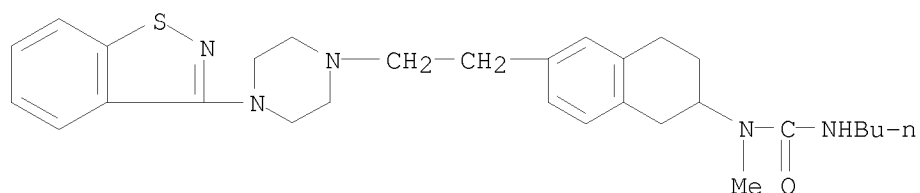
CN Urea, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-N-methyl-N'-propyl- (CA INDEX NAME)



RN 855746-78-0 CAPLUS

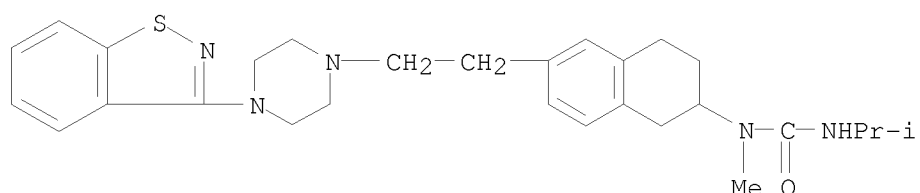
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10/513699



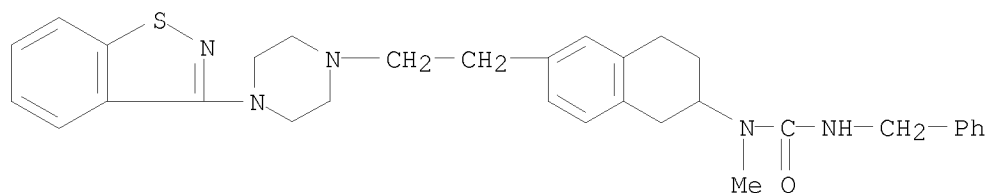
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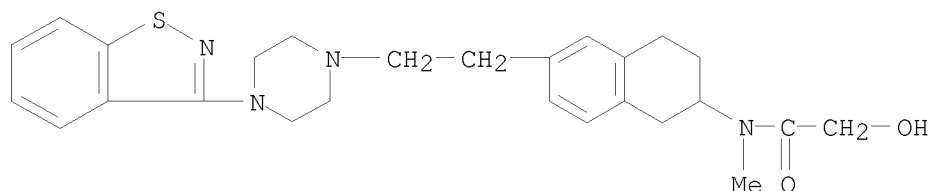
RN 855746-80-4 CAPLUS

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RN 855746-81-5 CAPLUS

CN Acetamide, N-[6-[2-[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]ethyl]-1,2,3,4-tetrahydro-2-naphthalenyl]-2-hydroxy-N-methyl- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

<12/04/2007>

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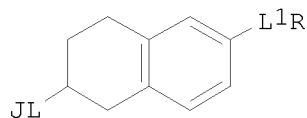
L17 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2005:304660 CAPLUS  
DOCUMENT NUMBER: 142:373570  
TITLE: Preparation of tetrahydronaphthalene derivatives as  
melanin concentrating hormone antagonists  
INVENTOR(S): Hu, Xiufeng Eric  
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA  
SOURCE: U.S. Pat. Appl. Publ., 28 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050075324	A1	20050407	US 2004-949841	20040924
US 7304065	B2	20071204		
AU 2004278352	A1	20050414	AU 2004-278352	20040924
AU 2004278352	B2	20081030		
CA 2540826	A1	20050414	CA 2004-2540826	20040924
WO 2005033063	A2	20050414	WO 2004-US31631	20040924
WO 2005033063	A3	20070322		
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JP 2007508303	T	20070405	JP 2006-533994	20040924
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ZA 2006002499	A	20070328	ZA 2006-2499	20060327
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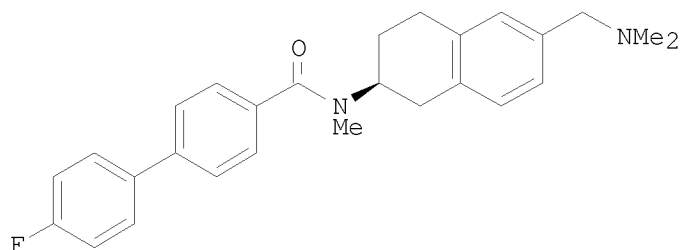
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 142:373570; MARPAT 142:373570

GI



I



II

AB The present invention relates to compds. I [R = NR<sub>1</sub>R<sub>2</sub>; R<sub>1</sub>, R<sub>2</sub> = H, OH, (un)substituted, (un)branched, cyclic C1-8-alkyl, C2-8-alkenyl; NR<sub>1</sub>R<sub>2</sub> = (un)substituted heterocyclic, heteroaryl 3- to 15-membered ring; L, L<sub>1</sub> = linking groups, (Z)<sup>j</sup>(CR<sub>3a</sub>R<sub>3b</sub>)<sup>m</sup>(Z<sub>1</sub>)<sup>j</sup>(R<sub>4a</sub>R<sub>4b</sub>)<sup>n</sup>(Z<sub>2</sub>)<sup>j</sup>; Z, Z<sub>1</sub>, Z<sub>2</sub> = NR<sub>5</sub>, O, SO<sub>2</sub>, NR<sub>5</sub>SO<sub>2</sub>, SO<sub>2</sub>NR<sub>5</sub>; j = 0, 1; R<sub>5</sub> = H, linear, branched or cyclic C1-4-alkyl; R<sub>3a</sub>, R<sub>3b</sub>, R<sub>4a</sub>, R<sub>4b</sub> = H, OH, halogen, linear, branched or cyclic C1-4-alkyl, C1-4-haloalkyl, C1-4-alkoxy; CR<sub>3a</sub>R<sub>3b</sub>, CR<sub>4a</sub>R<sub>4b</sub> = C:X; X = O, S, NR<sub>5</sub>; m, n = 0 - 5; optionally, when m, n = 2 then R<sub>3b</sub>R<sub>3b</sub>, R<sub>4b</sub>R<sub>4b</sub> = bond; J = AB, especially, C<sub>6</sub>H<sub>4</sub>(C<sub>6</sub>H<sub>4</sub>R<sub>a</sub>)-4; A, B = carbocyclic, aryl, heterocyclic, heteroaryl (with the proviso that at least one of A and B = aryl, heteroaryl); R<sub>a</sub> = F, Cl, NO<sub>2</sub>, CN, OH, NH<sub>2</sub>, NMe<sub>2</sub>, OMe, NC(:O)Me, CO<sub>2</sub>R<sub>7</sub>, CF<sub>3</sub>, linear, branched or cyclic C1-4-alkyl; R<sub>7</sub> = H, linear, branched or cyclic C1-10-alkyl], their enantiomers, stereoisomers and their pharmaceutically acceptable salts, capable of serving as moderators of human and mammalian appetite and as such provides a means for reducing body mass. Thus, 4'-fluoro-1,1'-biphenyl-4-carboxylic acid N-[(S)-6-(dimethylamino)methyl-1,2,3,4-tetrahydronaphthalen-2-yl]-N-methylamide (II) was prepared from 6-bromo-1,2,3,4-tetrahydronaphthalen-2-amine via reductive ammoniation with NH<sub>4</sub>OH in MeOH containing NaCNBH<sub>3</sub>, amidation of 4'-fluoro-1,1'-biphenyl-4-carboxylic acid in DMF containing EDCI, HOBT and Et<sub>3</sub>N, cyanation with Zn(CN)<sub>2</sub> in NMP containing Et<sub>3</sub>Zn and catalytic Pd(OAc)<sub>2</sub>/P(C<sub>6</sub>H<sub>4</sub>Me-4)<sub>3</sub>, methylation with MeI in DMF containing NaH, reduction over Raney Ni in DMF containing NH<sub>4</sub>OH, dimethylation with HCHO in DMF containing NaBH(OAc)<sub>3</sub> and isolation of the S enantiomer. The compds. of the present invention are selective against melanin concentrating hormone and do not have the pernicious side effects resulting from compds. which interact with other appetite related brain receptors. The melanin concentrating hormone antagonistic activity of II was determined [IC<sub>50</sub> = 60 nM vs. MCH-1 receptor; IC<sub>50</sub> = 100,000 nM vs. 5-HT<sub>2C</sub> receptor].

IT 1008378-39-9 1008378-41-3 1008378-45-7

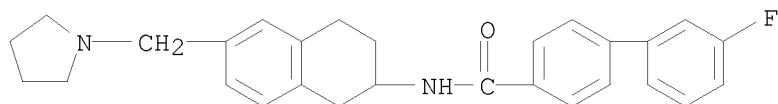
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RL: PRPH (Prophetic)

(Preparation of tetrahydronaphthalene derivatives as melanin  
concentrating hormone antagonists)

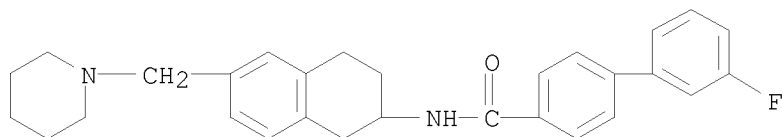
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CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008378-41-3 CAPLUS

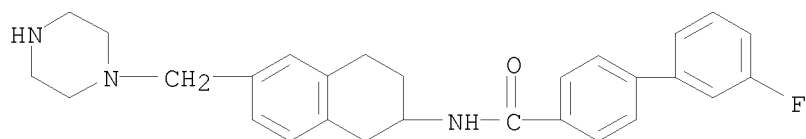
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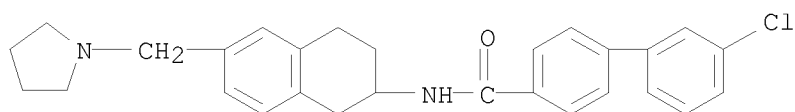
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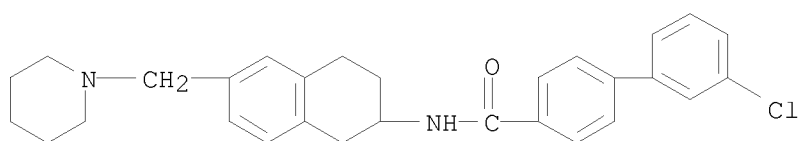
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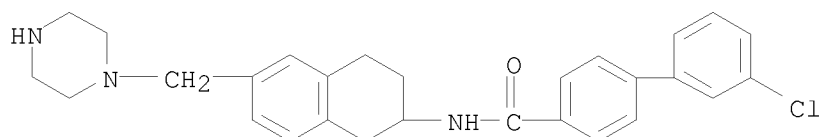
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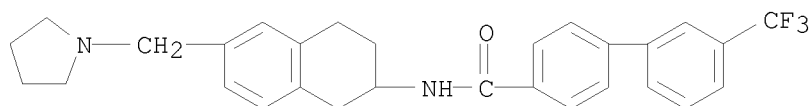
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RN 1008378-55-9 CAPLUS  
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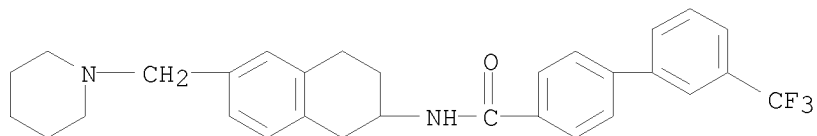


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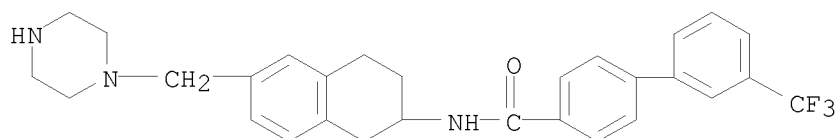
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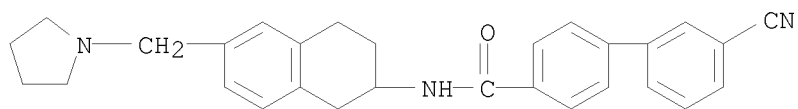
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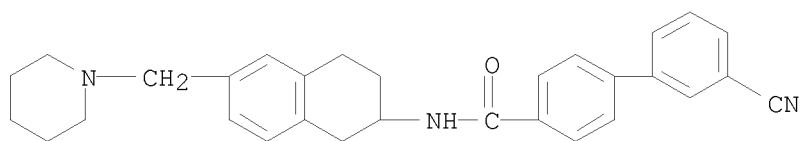
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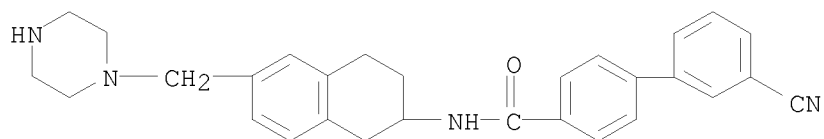
RN 1008378-75-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008378-77-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008378-84-4 CAPLUS

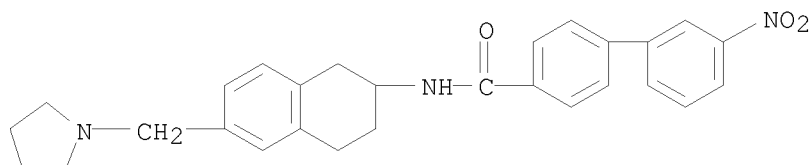
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Erich Leese



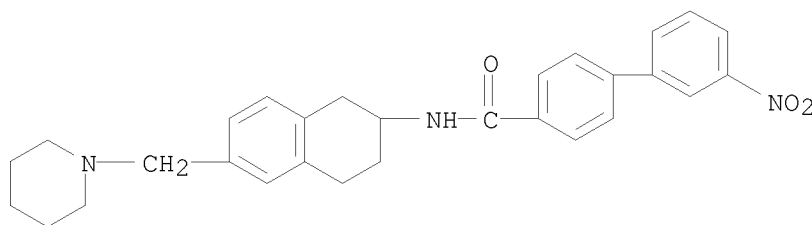
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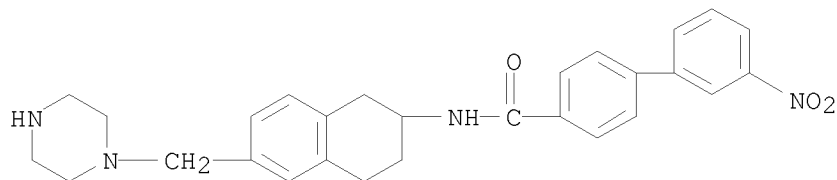
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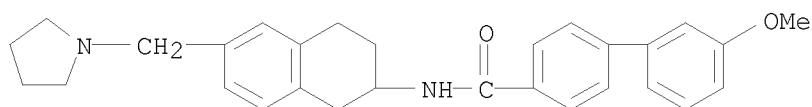
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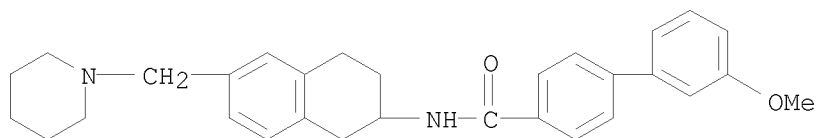
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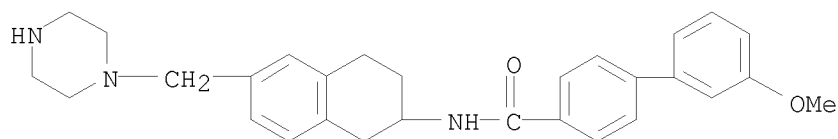
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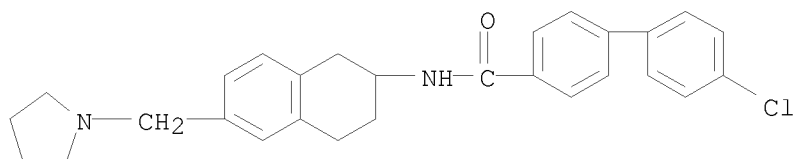
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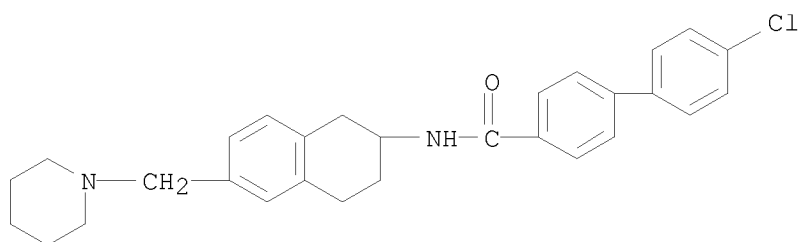
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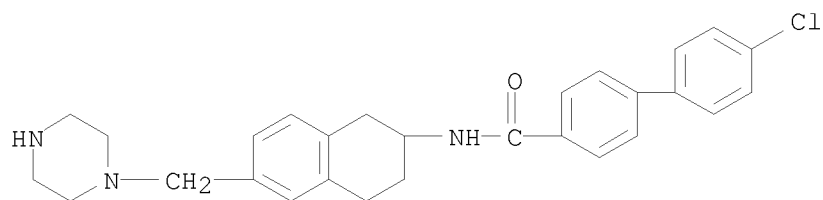
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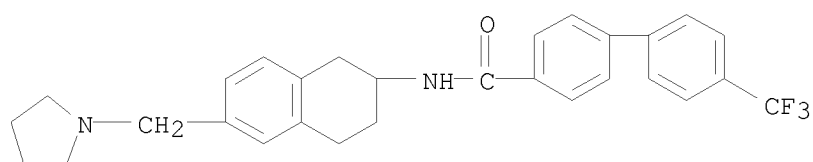
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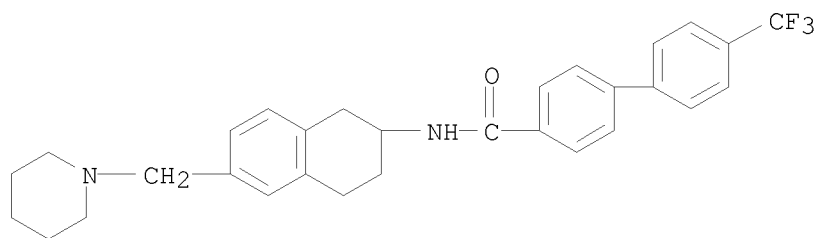
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CN [1,1'-Biphenyl]-4-carboxamide, N-[1,2,3,4-tetrahydro-6-(1-pyrrolidin-1-ylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



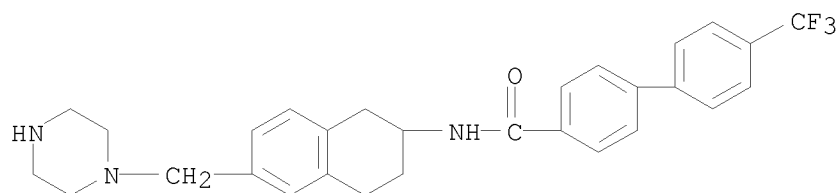
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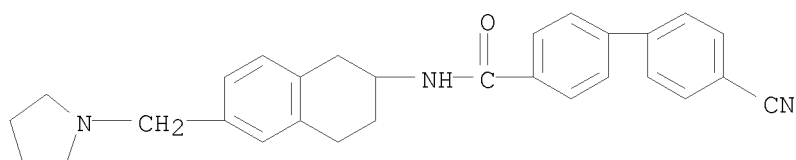
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RN 1008379-36-9 CAPLUS

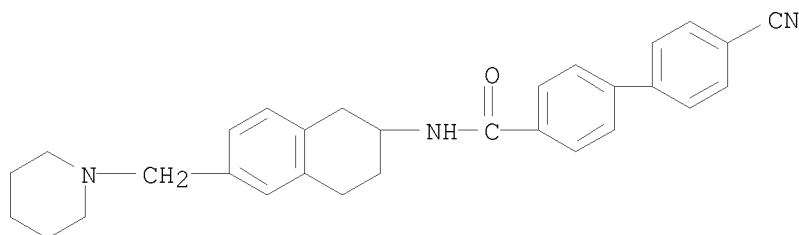
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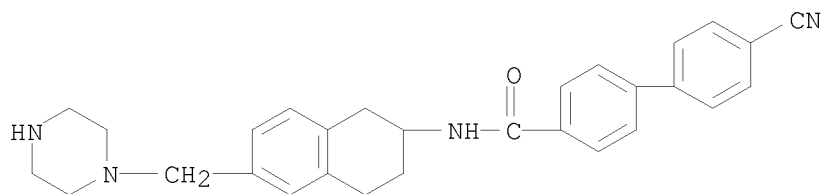
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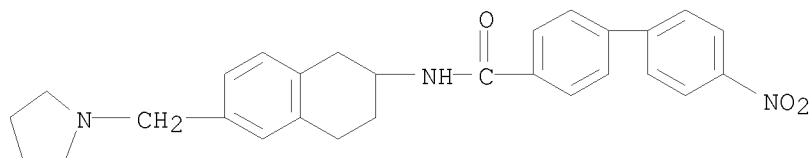
RN 1008379-40-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-cyano-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-48-3 CAPLUS

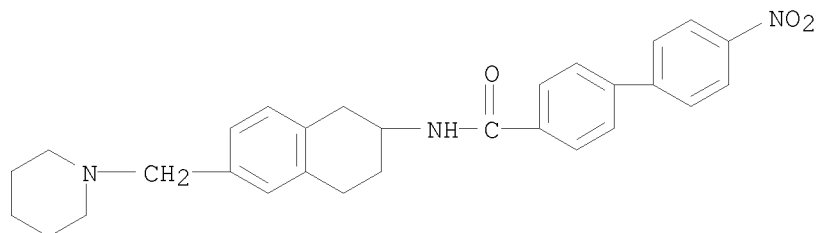
CN [1,1'-Biphenyl]-4-carboxamide, 4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-51-8 CAPLUS

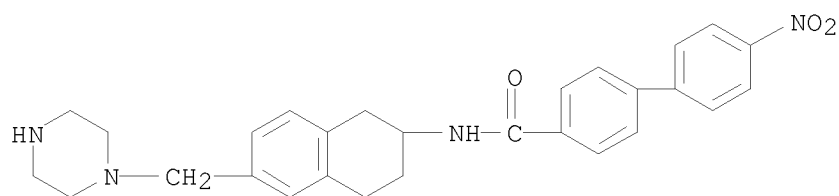
CN [1,1'-Biphenyl]-4-carboxamide, 4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



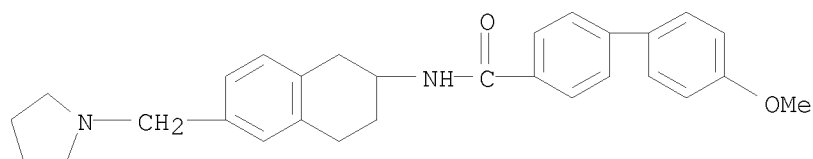
RN 1008379-53-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



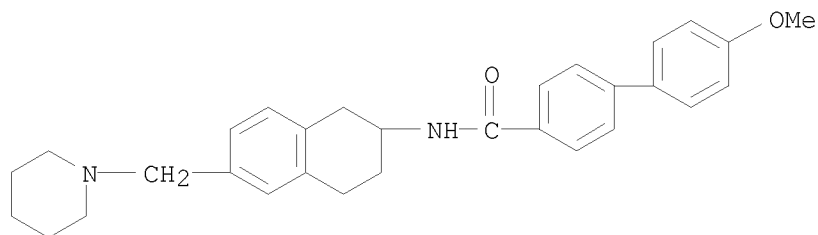
RN 1008379-60-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-62-1 CAPLUS

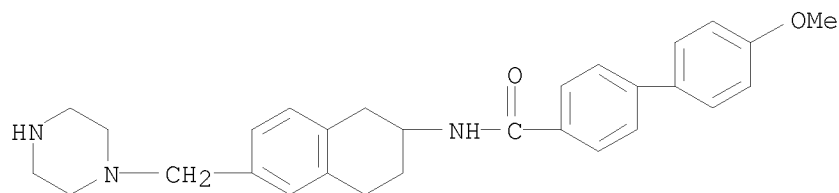
CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008379-65-4 CAPLUS

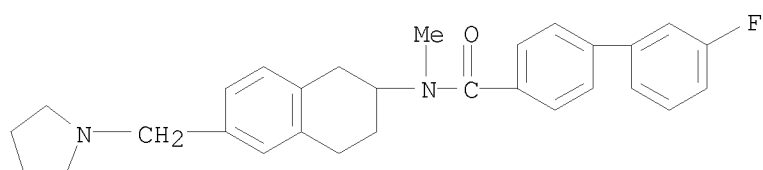
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10/513699



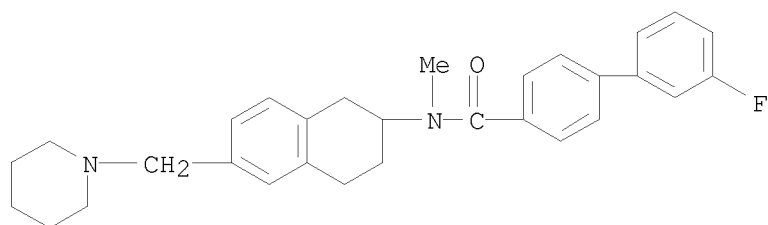
RN 1008381-09-6 CAPLUS

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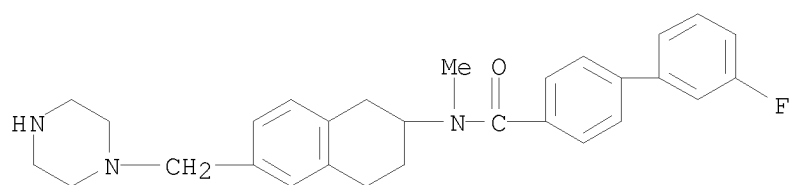
RN 1008381-12-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-14-3 CAPLUS

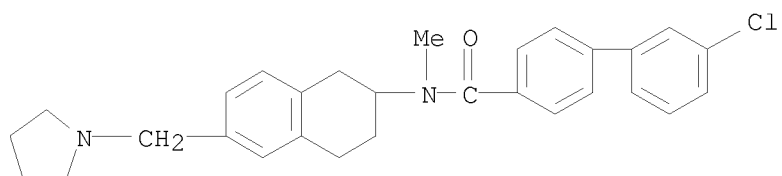
CN [1,1'-Biphenyl]-4-carboxamide, 3'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-22-3 CAPLUS

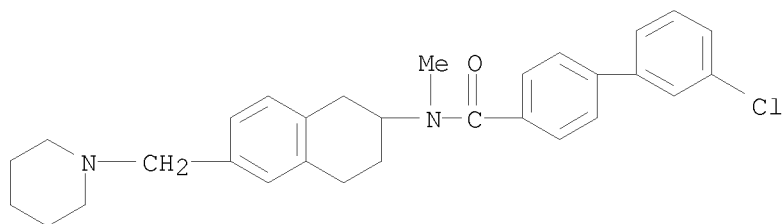
CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699



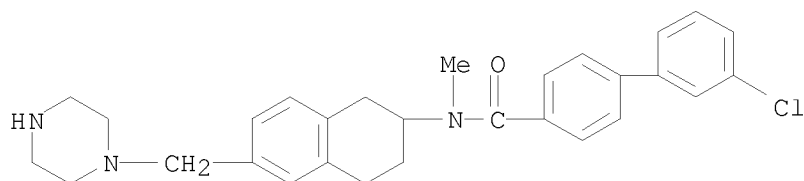
RN 1008381-24-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



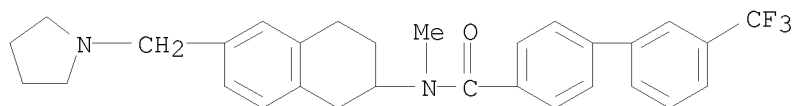
RN 1008381-26-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-34-7 CAPLUS

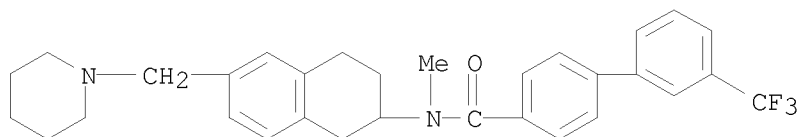
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008381-36-9 CAPLUS

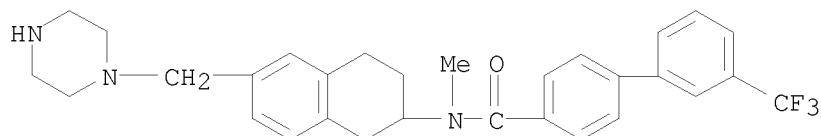
CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)

10/513699



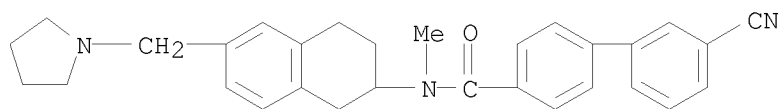
RN 1008381-37-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-3'-(trifluoromethyl)- (CA INDEX NAME)



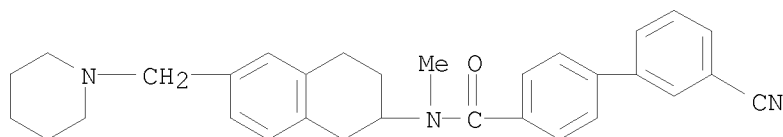
RN 1008381-44-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



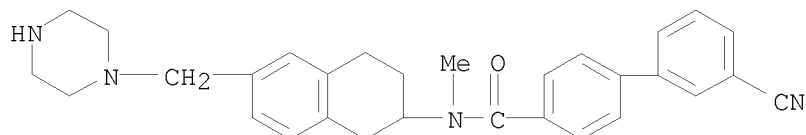
RN 1008381-45-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-48-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-cyano-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



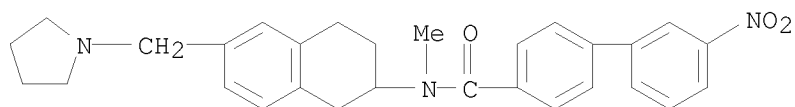
RN 1008381-55-2 CAPLUS

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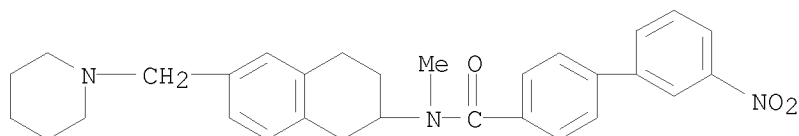
10/513699

(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



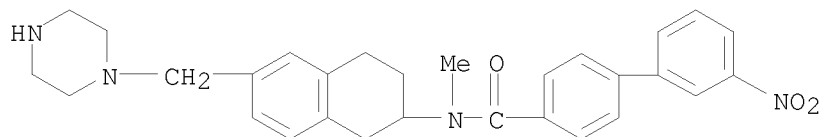
RN 1008381-57-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



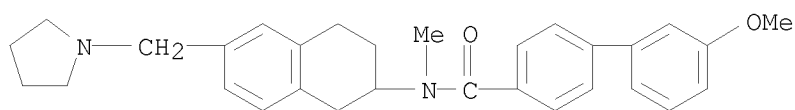
RN 1008381-58-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-3'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



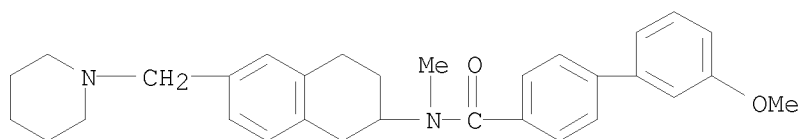
RN 1008381-67-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-70-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 3'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



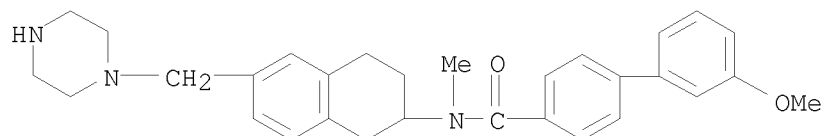
RN 1008381-71-2 CAPLUS

<12/04/2007>

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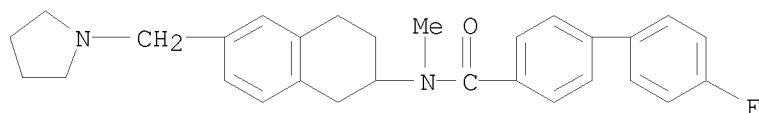
10/513699

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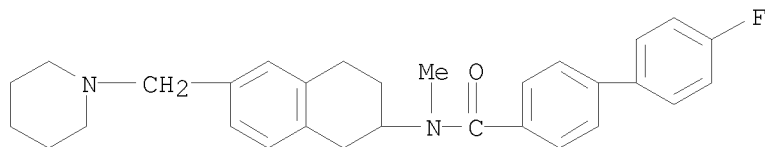
RN 1008381-78-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



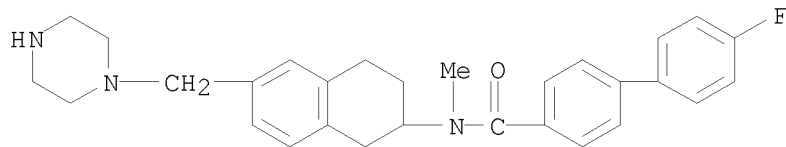
RN 1008381-80-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



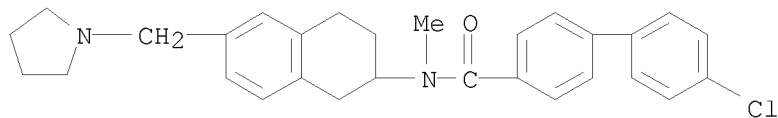
RN 1008381-82-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008381-91-6 CAPLUS

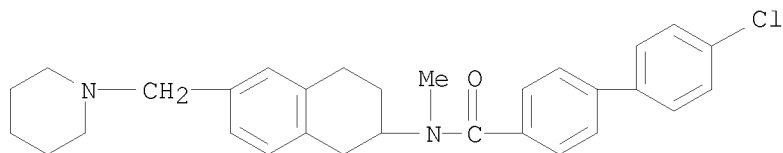
CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



10/513699

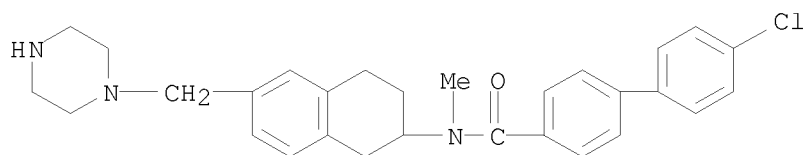
RN 1008381-92-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-chloro-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



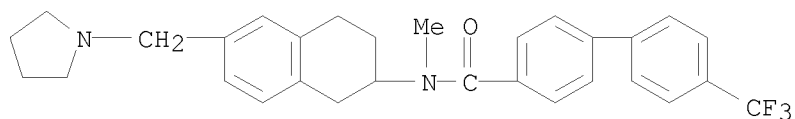
RN 1008381-95-0 CAPLUS

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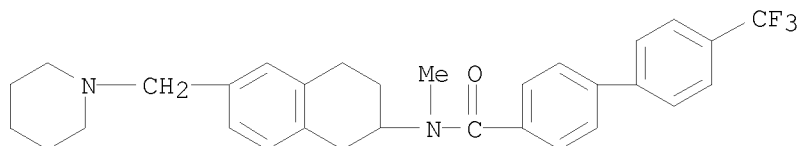
RN 1008382-02-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



RN 1008382-04-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)



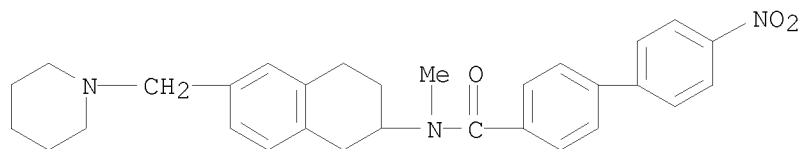
RN 1008382-07-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]-4'-(trifluoromethyl)- (CA INDEX NAME)

CN1CCN(C1)CC2=CC=C3C(=C2)C(=CC=C3)C(N(C)C(=O)C4=CC=C(C=C4)C5=CC=C(C=C5)C(F)(F)F)C6CN1CCCC1CCc2ccc3c(c2)CCc4ccc(cc34)NC(=O)c5ccc(cc5)-c6ccc(cc6)C#NCN1=CC=C(C=C1)-C2=CC=C(C=C2)C(=O)N(C)C3=C(C=C4C=C(C=C5C4(CCN5C3)C6=CC=CC=C6)C7=CC=CC=C7)C8=CC=CC=C8CN1CCN(C1)CC2=CC=C3C(=C2)CC(C3)N(C)C(=O)C4=CC=C(C=C4)C5=CC=C(C=C5)C#NCN(C1CCCC1)Cc2ccc3c(c2)CCCC3N(C)C(=O)c4ccc(cc4)-c5ccc(cc5)[N+](=O)[O-]

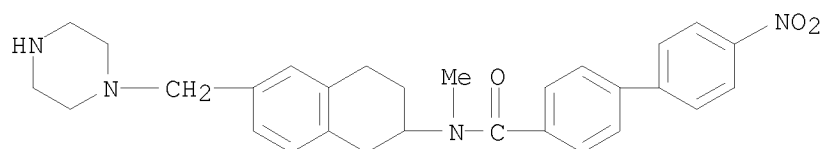
Erich Leese

10/513699



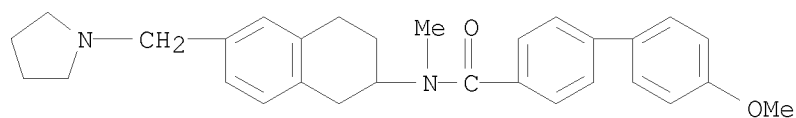
RN 1008382-27-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-methyl-4'-nitro-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



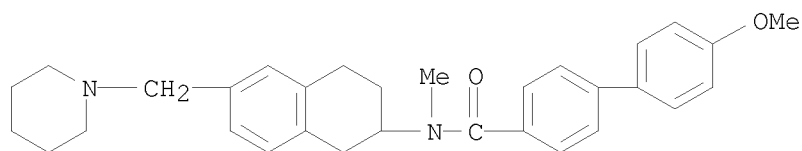
RN 1008382-35-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



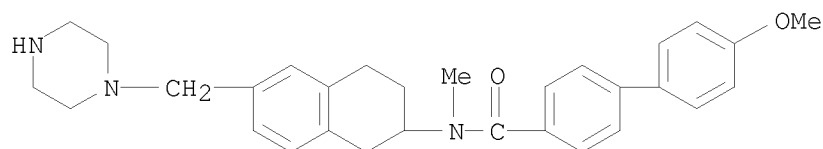
RN 1008382-38-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperidynylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 1008382-39-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-methoxy-N-methyl-N-[1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



IT 849420-79-7P

849420-80-0P

849420-81-1P

<12/04/2007>

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849420-99-1P      849421-00-7P      849421-01-8P

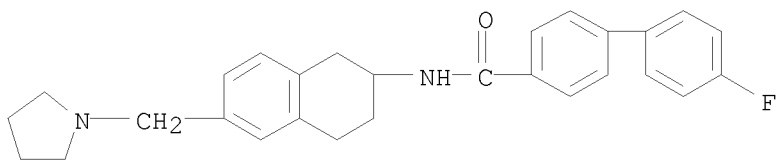
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of tetrahydronaphthalene derivs. as melanin concentrating hormone

antagonists)

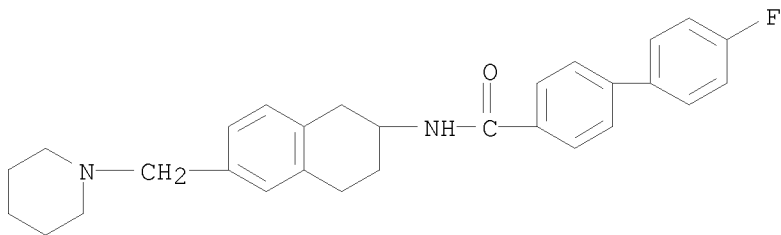
RN 849420-79-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



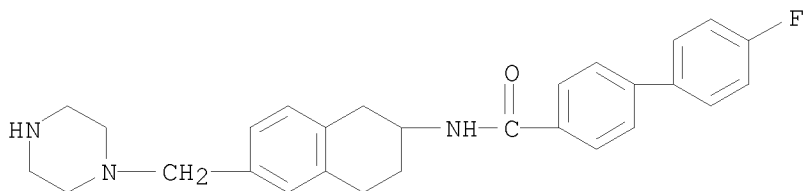
RN 849420-80-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)



RN 849420-81-1 CAPLUS

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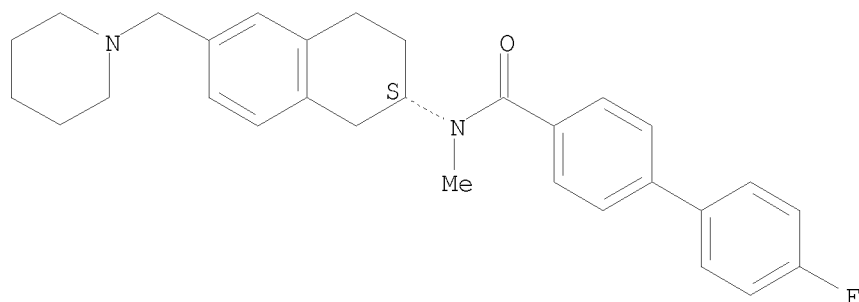


RN 849420-99-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

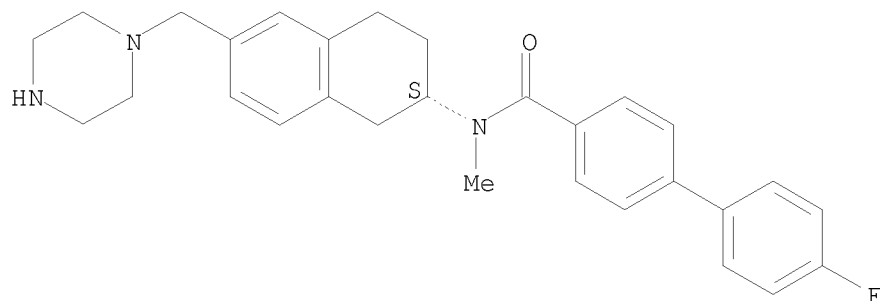
10/513699



RN 849421-00-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-piperazinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

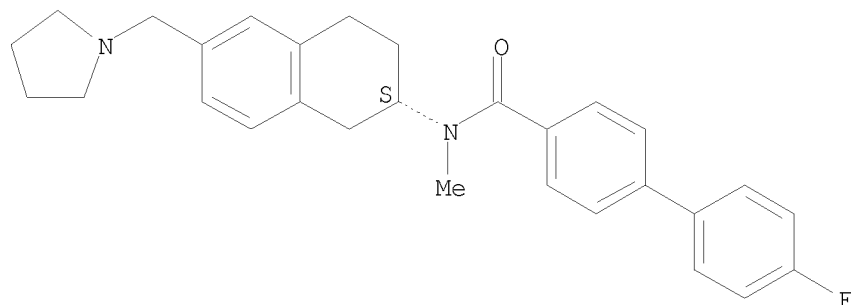
Absolute stereochemistry.



RN 849421-01-8 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, 4'-fluoro-N-methyl-N-[(2S)-1,2,3,4-tetrahydro-6-(1-pyrrolidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

<12/04/2007>

Erich Leese



L17 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:58137 CAPLUS  
 DOCUMENT NUMBER: 142:155975  
 TITLE: Preparation of arylsufonyloxopiperazinylacetamides for treatment of inflammation and pain  
 INVENTOR(S): Chen, Jian J.; Askew, Ben C.; Biswas, Kaustav; Chau, Jennifer N.; D'Amico, Derin C.; Harried, Scott; Nguyen, Thomas; Qian, Wenyuan; Zhu, Jiawang; Fotsch, Christopher H.; Li, Aiwen; Liu, Qingyian; Nishimura, Nobuku; Peterkin, Tanya; Riahi, Babak; Yuan, Chester Chenguang; Han, Nianhe; Nomak, Rana; Yang, Kevin  
 PATENT ASSIGNEE(S): Amgen Inc., USA  
 SOURCE: U.S. Pat. Appl. Publ., 98 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050014749	A1	20050120	US 2004-874086	20040621
US 7393852	B2	20080701		
AU 2004303757	A1	20050707	AU 2004-303757	20040621
AU 2004303757	B2	20090723		
CA 2529314	A1	20050707	CA 2004-2529314	20040621
WO 2005061467	A2	20050707	WO 2004-US19935	20040621
WO 2005061467	A3	20060601		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1656355	A2	20060517	EP 2004-820712	20040621
EP 1656355	B1	20080312		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004011673	A	20060808	BR 2004-11673	20040621
CN 1849121	A	20061018	CN 2004-80023752	20040621
JP 2007516176	T	20070621	JP 2006-517523	20040621
EP 1878728	A2	20080116	EP 2007-20439	20040621
EP 1878728	A3	20080130		
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AT 388708	T	20080315	AT 2004-820712	20040621
ES 2302079	T3	20080701	ES 2004-820712	20040621
MX 2005013469	A	20060309	MX 2005-13469	20051209
KR 2006036399	A	20060428	KR 2005-723864	20051212
NO 2006000278	A	20060315	NO 2006-278	20060119
ZA 2006000579	A	20070425	ZA 2006-579	20060120
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10/513699

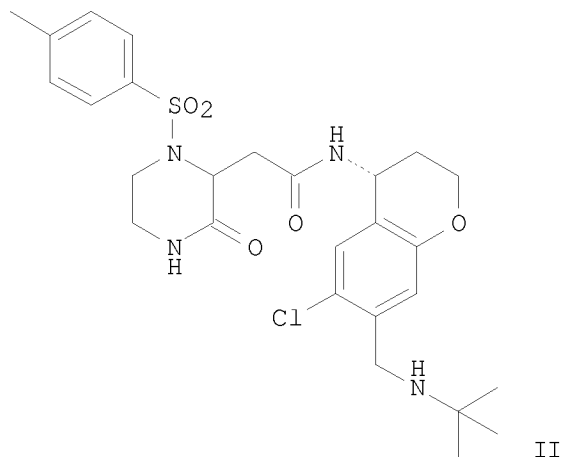
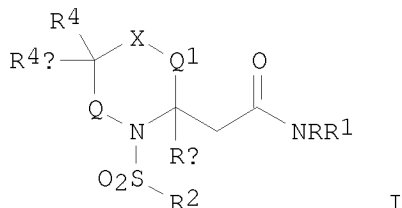
PRIORITY APPLN. INFO.:

US 2003-480303P	P	20030620
EP 2004-820712	A3	20040621
US 2004-874086	A3	20040621
WO 2004-US19935	W	20040621

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 142:155975; MARPAT 142:155975

GI



AB Title compds. [I; p = 0-2; q = 0-3; X = O, S, imino; R = substituted (fused) carbocyclyl, carbocyclyl, heterocyclyl, aralkyl, heterocyclylalkyl, cycloalkyl, diphenylmethyl, etc.; R1 = H, (substituted) alkyl, aryl; RR1N = (substituted) Ph-fused heterocyclyl; R2 = (substituted) aralkenyl, aryl, heterocyclyl; R3, R3a, R4, R4a, R5, R5a = H, (substituted) alkyl; R3R3a, R4R4a, R5R5a = O; Rx = H, alkyl, haloalkyl; Q = (CR5R5a)q; Q1 = (CR3R3a)p; with provisos], were prepared. Thus, title compound (II) (preparation given) inhibited human bradykinin B1 activity with IC50 <1  $\mu$ M.

IT 828924-94-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

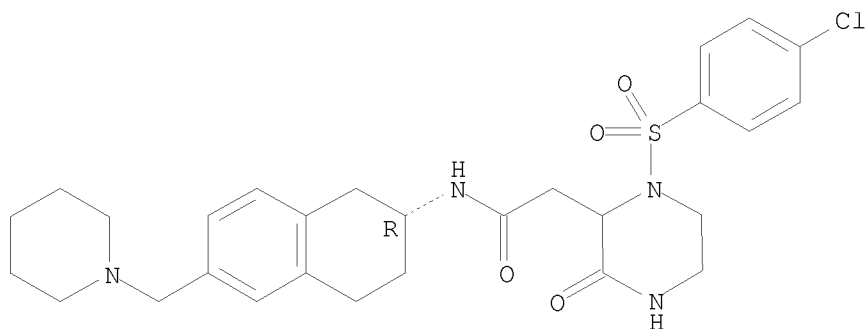
(claimed compound; preparation of arylsulfonyloxopiperazinylacetamides for treatment of inflammation and pain)

RN 828924-94-3 CAPLUS

CN 2-Piperazineacetamide, 1-[(4-chlorophenyl)sulfonyl]-3-oxo-N-[(2R)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

10/513699

Absolute stereochemistry.



IT 828926-70-1P 828926-97-2P

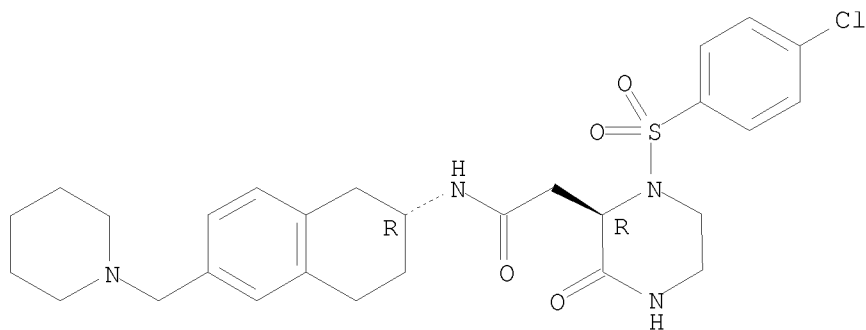
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of arylsufonyloxopiperazinylacetamides for treatment of inflammation and pain)

RN 828926-70-1 CAPLUS

CN 2-Piperazineacetamide, 1-[(4-chlorophenyl)sulfonyl]-3-oxo-N-[(2R)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.

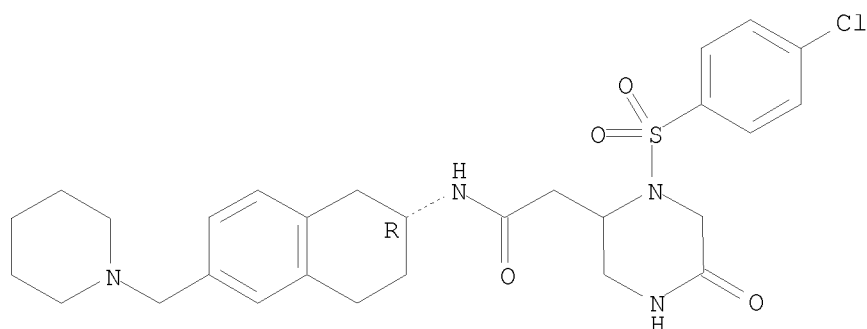


RN 828926-97-2 CAPLUS

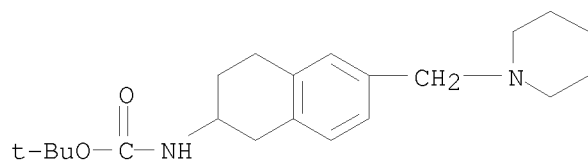
CN 2-Piperazineacetamide, 1-[(4-chlorophenyl)sulfonyl]-5-oxo-N-[(2R)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]- (CA INDEX NAME)

Absolute stereochemistry.

10/513699



IT 783239-08-7P, (6-(Piperidin-1-ylmethyl)-1,2,3,4-tetrahydro-naphthalen-2-yl)carbamic acid tert-butyl ester  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of arylsufonyloxopiperazinylacetamides for treatment of inflammation and pain)  
RN 783239-08-7 CAPLUS  
CN Carbamic acid, [1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)  
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:902374 CAPLUS

DOCUMENT NUMBER: 141:379814

TITLE: Preparation of cyclic amine derivatives as bradykinin antagonists and their use in the treatment of pain and inflammation

INVENTOR(S): Groneberg, Robert D.; Zhan, James; Askew, Ben; D'Amico, Derin; Han, Nianh; Fotsch, Christopher H.; Liu, Qinglan; Riahi, Babak; Zhu, Jiawang; Yang, Kevin; Chen, Jian J.; Nomak, Rana

PATENT ASSIGNEE(S): Amgen, Inc., USA; Array Biopharma, Inc.

SOURCE: PCT Int. Appl., 261 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004092164	A1	20041028	WO 2004-US11670	20040412
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2522084	A1	20041028	CA 2004-2522084	20040412
EP 1633743	A1	20060315	EP 2004-759563	20040412
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
JP 2006522835	T	20061005	JP 2006-510083	20040412
MX 2005010883	A	20060123	MX 2005-10883	20051010
PRIORITY APPLN. INFO.:			US 2003-461673P	P 20030410
			WO 2004-US11670	W 20040412
OTHER SOURCE(S):	CASREACT 141:379814; MARPAT 141:379814			
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. I [wherein X = (CH<sub>2</sub>)<sub>q</sub>; Y = (CH<sub>2</sub>)<sub>t</sub>; q = 0-3; t = 0-2; when t = 2, q is not 3; R = 9-11-membered fused bicyclic carbocyclic or heterocyclic ring substituted with 1 to 3 basic moieties, and optionally substituted with 1 to 3 groups independently selected from NH<sub>2</sub>, OH, CN, oxo, alkoxy etc.; ; R<sub>2</sub> = (un)substituted arylalkenyl, aryl, heterocyclyl selected from thienyl, imidazolyl, and benzofused heteroaryl; R<sub>a</sub> = independently H, alkyl; and aryl optionally substituted with 1 to 3 groups independently selected from halo, OH, CN, alkylamino, alk(en/yn)yl, etc.; R<sub>b</sub> = independently H, oxo, OH, benzyloxy, C1-2-alkyl; R<sub>c</sub> = independently

H, alkyl; or RbCCRC = 6-membered hetero/aryl optionally substituted with 1 to 3 groups independently selected from halo, OH, CN, CF<sub>3</sub>, oxo, alkoxy, alkylamino, alkenyl, etc.; and their pharmaceutically acceptable salts] were prepared as bradykinin antagonists. Seven biol. tests are given. For example, II•HCl was prepared by reductive amination of aldehyde III (preparation given) with piperidine in N,N-dimethylacetamide in the presence of NaBH(OAc)<sub>3</sub>. Selected I bound to hB1 bradykinin receptor with IC<sub>50</sub> values < 100 nm in an in vitro assay using calcium flux. Thus, I are useful for prophylaxis and treatment of diseases and other maladies or conditions involving pain, inflammation mediated by Bradykinin.

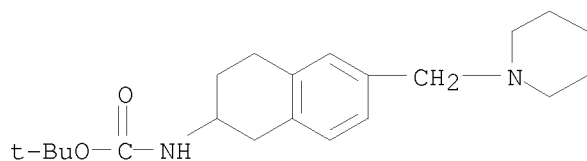
IT 783239-08-7P, [6-[(Piperidin-1-yl)methyl]-1,2,3,4-tetrahydronaphthalen-2-yl]carbamic acid tert-butyl ester

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of cyclic amine derivs. as bradykinin antagonists and their use in treatment of pain and inflammation)

RN 783239-08-7 CAPLUS

CN Carbamic acid, [1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



OS.CITING REF COUNT:	10	THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L17 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:902334 CAPLUS

DOCUMENT NUMBER: 141:395300

TITLE: Preparation of  
N-bicyclyl-3-[[ (hetero)arylsulfonylamino]-3-  
(hetero)arylpropionamides as bradykinin receptor  
modulators for treatment of pain, inflammation, and  
other conditions

INVENTOR(S): Groneberg, Robert D.; Askew, Ben; D'Amico, Derin;  
Zhan, James; Toro, Andras; Suzuki, Hideo; Mareska,  
David A.; Han, Nianh; Fotsch, Christopher H.; Liu,  
Qinglan; Riahi, Babak; Yang, Kevin; Li, Aiwan; Yuan,  
Chester; Biswas, Kaustav; Harried, Scott; Nguyen, Tom;  
Qian, Wenyan; Chen, Jian J.; Nomak, Rana

PATENT ASSIGNEE(S): Amgen, Inc., USA; Array Biopharma, Inc.

SOURCE: PCT Int. Appl., 375 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

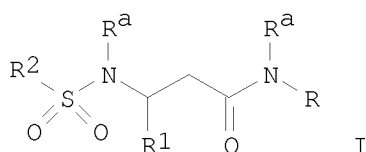
PATENT INFORMATION:

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WO 2004092116	A1	20041028	WO 2004-US11105	20040412
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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AU 2004231070	B2	20080214		
CA 2521937	A1	20041028	CA 2004-2521937	20040412
US 20050124654	A1	20050609	US 2004-823377	20040412
US 7425631	B2	20080916		
EP 1631542	A1	20060308	EP 2004-759403	20040412
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
JP 2006522825	T	20061005	JP 2006-509895	20040412
MX 2005010884	A	20070115	MX 2005-10884	20051010
US 20090048224	A1	20090219	US 2008-205616	20080905
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			WO 2004-US11105	W 20040412

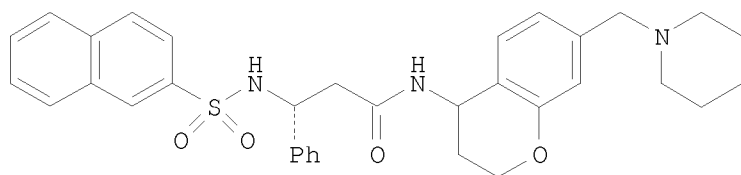
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 141:395300

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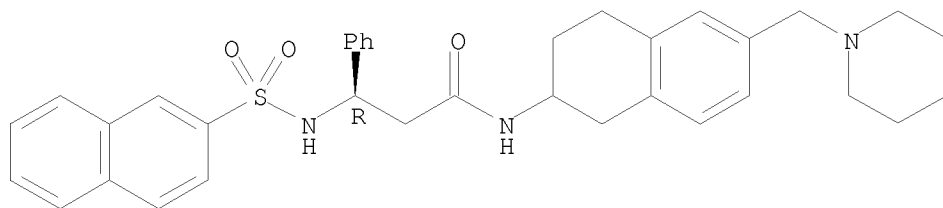
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II

- AB Title compds. I [wherein R = (un)substituted bicyclic carbocyclic or heterocyclic ring; R1 = (un)substituted cycloalkyl, aryl(alkyl), heteroaryl, heterocyclyl; R2 = (un)substituted aryl(alkenyl), heterocyclyl, heteroaryl; Ra = independently H, NH<sub>2</sub>COCH<sub>2</sub>, alkyl, (un)substituted aryl; and pharmaceutically acceptable derivs. thereof] were prepared as bradykinin receptor ligands. For example, N-(7-formylchroman-4-yl)-3-(naphth-2-ylsulfonylamino)-3-phenylpropionamide (7-step preparation given) was condensed with piperidine in the presence of NaBH(OAc)<sub>3</sub> in N,N-dimethylacetamide and precipitated to give II•HCl. In a radioligand binding assay, the latter showed affinity for the human B1 and human B2 bradykinin receptors with K<sub>i</sub> values of <100 nM and >1 μM, resp. Selected compds. of the invention are effective for treatment of pain and diseases, such as inflammation mediated diseases (no data).
- IT 784202-90-0P 784204-08-6P 784204-09-7P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (bradykinin modulator; preparation of bicycylpropionamides as bradykinin receptor modulators treatment of pain, inflammation, and other conditions)
- RN 784202-90-0 CAPLUS
- CN Benzenepropanamide, β-[(2-naphthalenylsulfonyl)amino]-N-[1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, (βR)- (CA INDEX NAME)

Absolute stereochemistry.

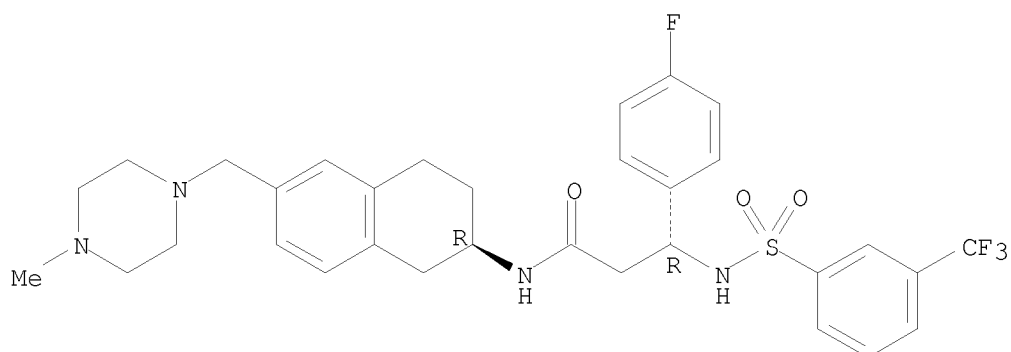


- RN 784204-08-6 CAPLUS
- CN Benzenepropanamide, 4-fluoro-N-[(2R)-1,2,3,4-tetrahydro-6-[(4-methyl-1-piperazinyl)methyl]-2-naphthalenyl]-β-[[[3-(trifluoromethyl)phenyl]sulfonyl]amino]-, (βR)- (CA INDEX NAME)



10/513699

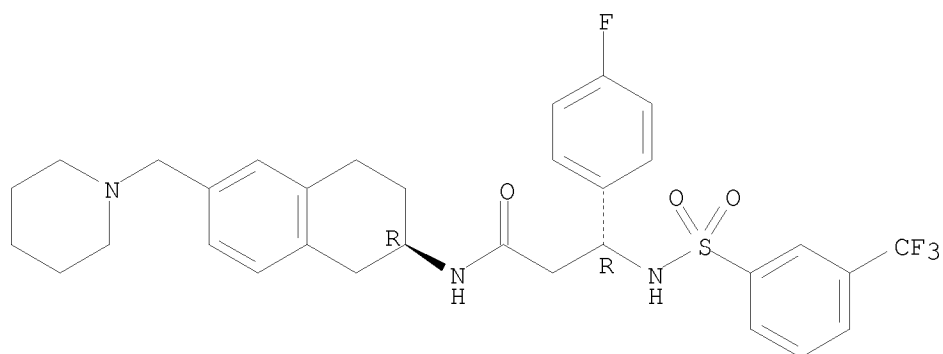
Absolute stereochemistry.



RN 784204-09-7 CAPLUS

CN Benzenepropanamide, 4-fluoro-N-[(2R)-1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-beta-[[[3-(trifluoromethyl)phenyl]sulfonyl]amino]-, (betaR)- (CA INDEX NAME)

Absolute stereochemistry.



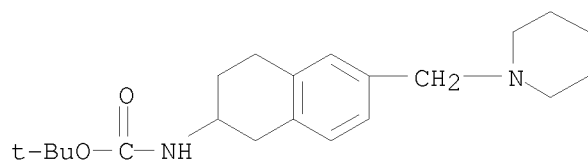
IT 783239-08-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of bicycylpropionamides as bradykinin receptor modulators treatment of pain, inflammation, and other conditions)

RN 783239-08-7 CAPLUS

CN Carbamic acid, [1,2,3,4-tetrahydro-6-(1-piperidinylmethyl)-2-naphthalenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



<12/04/2007>

Erich Leese

10/513699

OS.CITING REF COUNT:	8	THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/513699

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(FILE 'HOME' ENTERED AT 12:55:17 ON 23 NOV 2009)

FILE 'REGISTRY' ENTERED AT 12:55:45 ON 23 NOV 2009

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS

L3 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 13:02:25 ON 23 NOV 2009

L4 1 S L3 FULL

FILE 'REGISTRY' ENTERED AT 13:07:23 ON 23 NOV 2009

L5 STRUCTURE UPLOADED

L6 0 S L5 SSS

L7 2 S L5 FULL

FILE 'CAPLUS' ENTERED AT 13:11:07 ON 23 NOV 2009

L8 1 S L7 FULL

FILE 'REGISTRY' ENTERED AT 13:12:40 ON 23 NOV 2009

L9 STRUCTURE UPLOADED

L10 14 S L9 SSS

L11 9552 S L9 FULL

FILE 'CAPLUS' ENTERED AT 13:14:16 ON 23 NOV 2009

L12 1809 S L11 FULL

FILE 'REGISTRY' ENTERED AT 13:16:48 ON 23 NOV 2009

L13 STRUCTURE UPLOADED

L14 0 S L3 SSS

L15 2 S L13 SSS

L16 291 S L13 FULL

FILE 'CAPLUS' ENTERED AT 13:18:36 ON 23 NOV 2009

L17 14 S L16 FULL

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

79.46

851.10

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-11.48

-13.12

STN INTERNATIONAL LOGOFF AT 13:19:24 ON 23 NOV 2009